



**Procurement Office**  
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Rochester, NY 14605  
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[WWW.ROCHESTERHOUSING.ORG](http://WWW.ROCHESTERHOUSING.ORG)

March 24, 2020

ADDENDUM #1

To: Potential Bidders

RE: Rochester Housing Authority,

**R-17 Scattered Site Roof Replacement**

There is one page with this Addendum. There is also an attachment which includes the Eagle View documents for each roof. Please open the attachment to use for your proposal.

**Please Note: Award and start date may be delayed due to the novel coronavirus pandemic**

**Acknowledgement:**

**I have received the above referenced Addendum #1 and have used it in the calculation/preparation of this bid.**

\_\_\_\_\_  
Contractor

Without acknowledgement of this addendum, your bid may be considered non-responsive.

Addendum #1

Re: Rochester Housing Authority Scattered Site Roof Replacement R-17

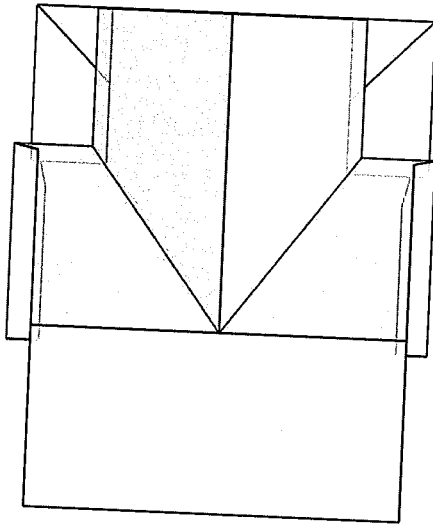
Questions from contractors:

**Question:** It was explained to quote the price in our bid as if all Fascia and Wrap needed to be replaced. Does this mean all Fascia board and wrap on EAVES and RAKES? or just where gutters would be replaced or installed on just EAVES

**Answer:** The project includes replacement of all metal covering the fascia and rake boards along with soffits, gutters and downspouts. The contractor is directed to include full replacement of all fascia boards and roof decking as part of their bid price. (The fascia board is the board that covers the ends of the roof rafters). The roof decking and fascia boards are to be replaced on an *as needed* basis using the contractor's **unit prices** supplied in their bid package to determine the amount RHA will pay for their replacement. The contractor will issue a credit to RHA at the end of the project for any roof decking and fascia boards not replaced using the contractor's **unit prices** for each item to determine the credit / contract reduction amount. (if 100% of the project's roof decks and fascia boards were replaced then no credit will be due back to RHA)

Note to Contractors:

Due to the COVID 19 pandemic in NYS this project may have a delayed start date.



In this 3D model, facets appear as semi-transparent to reveal overhangs.

**PREPARED FOR**

Contact: James Senger  
 Company: Rochester Housing Authority  
 Address: 675 W Main St  
 Rochester, NY 14611-2313  
 Phone: 585-202-1266

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**MEASUREMENTS**

- Total Roof Area =1,952 sq ft
- Total Roof Facets =10
- Predominant Pitch =9/12
- Number of Stories <=1
- Total Ridges/Hips =84 ft
- Total Valleys =45 ft
- Total Rakes =115 ft
- Total Eaves =143 ft

Measurements provided by [www.eagleview.com](http://www.eagleview.com)



**Certified Accurate**

[www.eagleview.com/Guarantee.aspx](http://www.eagleview.com/Guarantee.aspx)

## IMAGES

The following aerial images show different angles of this structure for your reference.

Top View



# IMAGES

North Side



South Side



# IMAGES

East Side



West Side

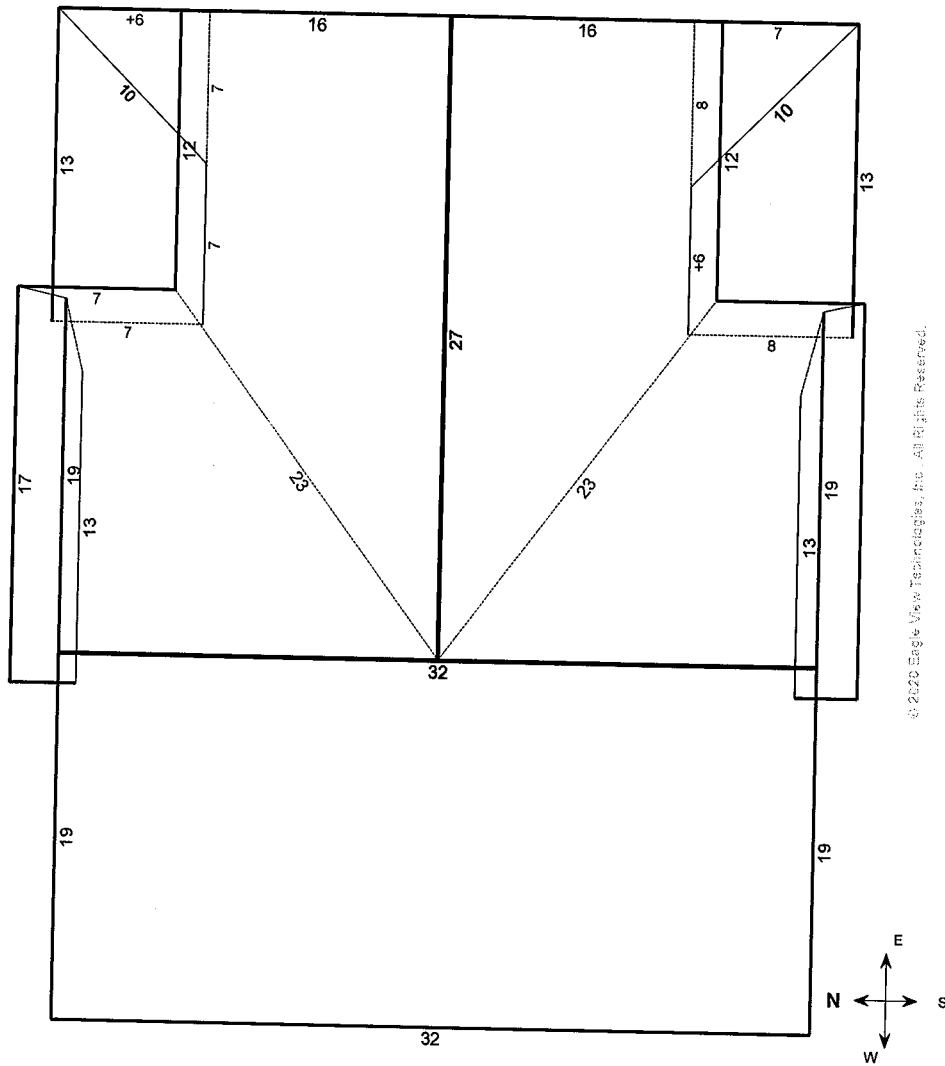


# LENGTH DIAGRAM

Total Line Lengths:  
**Ridges = 60 ft**  
 Hips = 24 ft

Valleys = 45 ft  
 Rakes = 115 ft  
 Eaves = 143 ft

Flashing = 39 ft  
 Step flashing = 37 ft  
**Parapets = 0 ft**

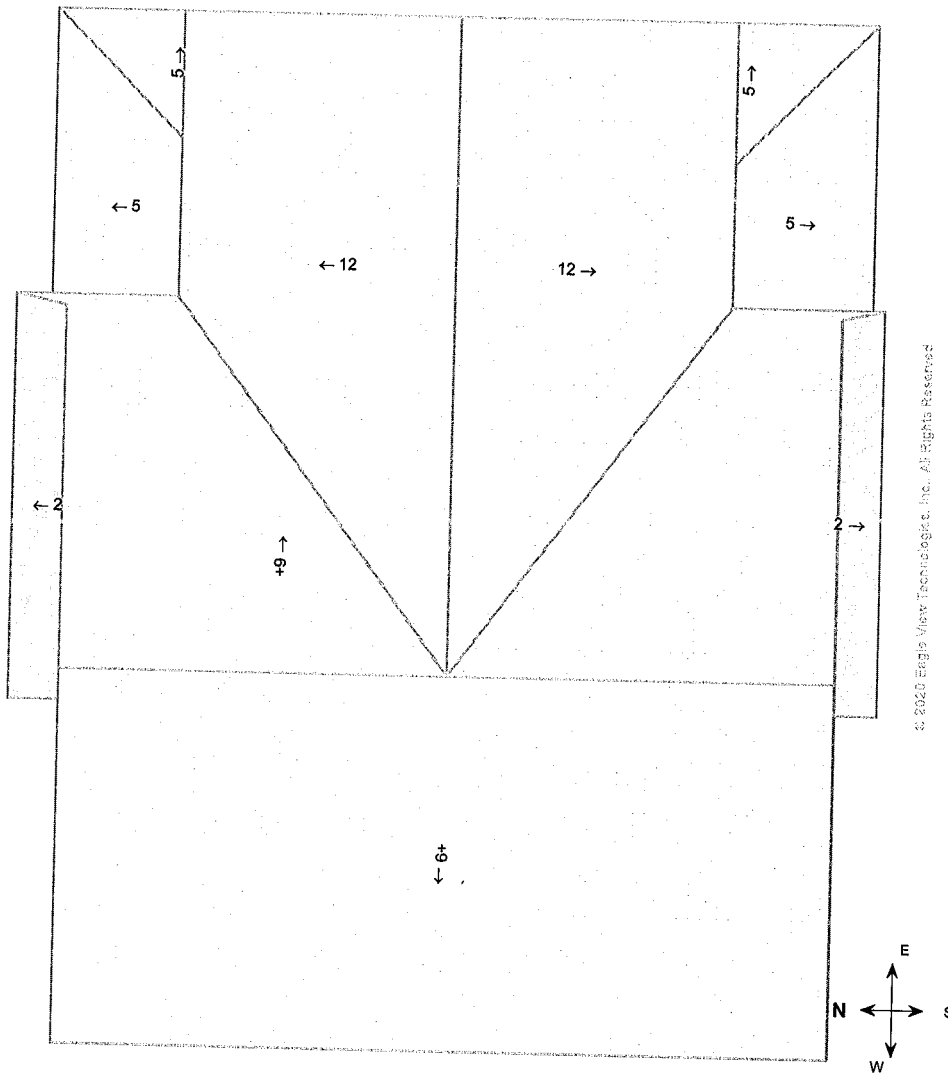


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Note: This diagram contains segment lengths (rounded to the nearest whole number) over 5.0 Feet. In some cases, segment labels have been removed for readability. Plus signs preface some numbers to avoid confusion when rotated (e.g. +6 and +9).

# PITCH DIAGRAM

Pitch values are shown in inches per foot, and arrows indicate slope direction. The predominant pitch on this roof is 9/12

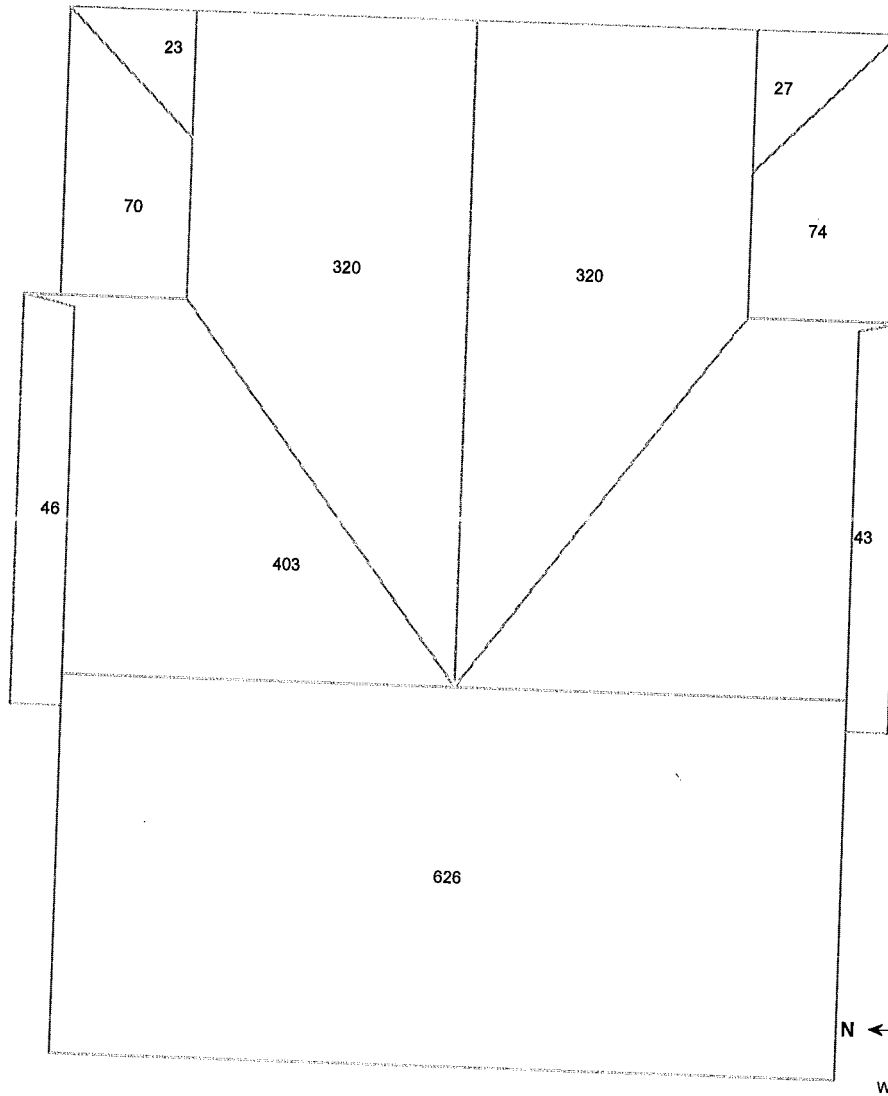


**Note:** This diagram contains labeled pitches for facet areas larger than 20.0 square feet. In some cases, pitch labels have been removed for readability. Blue shading indicates a pitch of 3/12 and greater. Gray shading indicates flat, 1/12 or 2/12 pitches.



# AREA DIAGRAM

Total Area = 1,952 sq ft, with 10 facets.

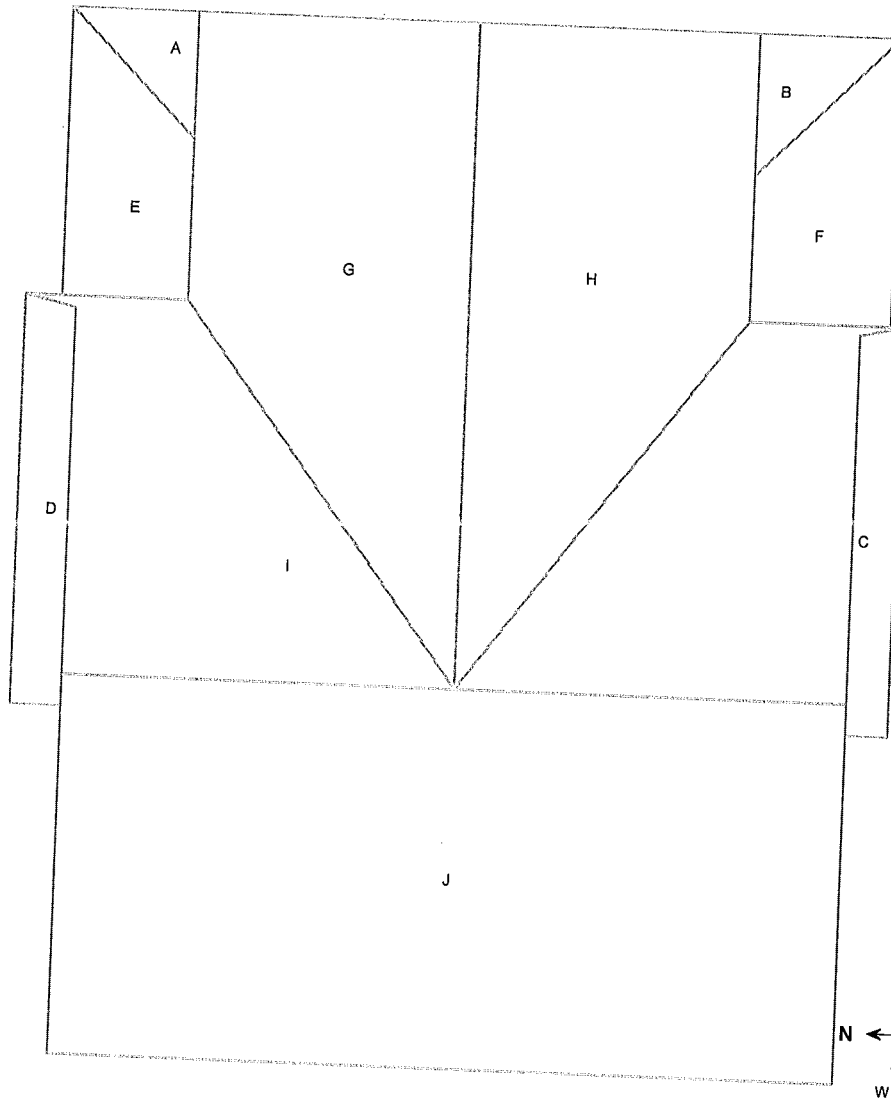


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Note: This diagram shows the square feet of each roof facet (rounded to the nearest Foot). The total area in square feet, at the top of this page, is based on the non-rounded values of each roof facet (rounded to the nearest square foot after being totaled).

# NOTES DIAGRAM

Roof facets are labeled from smallest to largest (A to Z) for easy reference.



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## REPORT SUMMARY

### All Structures

Areas per Pitch				
Roof Pitches	2/12	5/12	9/12	12/12
Area (sq ft)	88.9	193.4	1029.2	639.6
% of Roof	4.6%	9.9%	52.7%	32.8%

The table above lists each pitch on this roof and the total area and percent (both rounded) of the roof with that pitch.

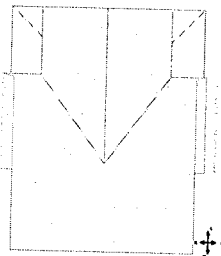
Structure Complexity		
Simple	Normal	Complex

Waste Calculation									
NOTE: This waste calculation table is for asphalt shingle roofing applications. All values in table below only include roof areas of 3/12 pitch or greater. For total measurements of all pitches, please refer to the Lengths, Areas, and Pitches section below.									
Waste %	0%	3%	8%	11%	13%	15%	18%	23%	28%
Area (Sq ft)	1863	1919	2013	2068	2106	2143	2199	2292	2385
Squares *	18.66	19.33	20.33	21.00	21.33	21.66	22.00	23.00	24.00
	Measured				Suggested				

\* Squares are rounded up to the 1/3 of a square

Additional materials needed for ridge, hip, and starter lengths are not included in the above table. The provided suggested waste factor is intended to serve as a guide—actual waste percentages may differ based upon several variables that EagleView does not control. These waste factor variables include, but are not limited to, individual installation techniques, crew experiences, asphalt shingle material subtleties, and potential salvage from the site. Individual results may vary from the suggested waste factor that EagleView has provided. The suggested waste is not to replace or substitute for experience or judgment as to any given replacement or repair work.

### All Structures Totals



Total Roof Facets = 10

#### Lengths, Areas and Pitches

- Ridges = 60 ft (2 Ridges)
- Hips = 24 ft (4 Hips).
- Valleys = 45 ft (2 Valleys)
- Rakes<sup>†</sup> = 115 ft (8 Rakes)
- Eaves/Starter<sup>‡</sup> = 143 ft (11 Eaves)
- Drip Edge (Eaves + Rakes) = 258 ft (19 Lengths)
- Parapet Walls = 0 (0 Lengths).
- Flashing = 39 ft (4 Lengths)
- Step flashing = 37 ft (6 Lengths)
- Predominant Pitch = 9/12
- Total Area (All Pitches) = 1,952 sq ft**

#### Property Location

Longitude = -77.6432241  
Latitude = 43.1696928

#### Notes

This was ordered as a residential property. There were no changes to the structure in the past four years.

<sup>†</sup> Rakes are defined as roof edges that are sloped (not level).  
<sup>‡</sup> Eaves are defined as roof edges that are not sloped and level.

29 Santee St, Rochester, NY 14606-2505

Report: 32669903

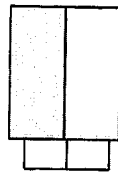
**Online Maps**

Online map of property

[http://maps.google.com/maps?f=g&source=s\\_q&hl=en&geocode=&q=29+Santee+St,Rochester,NY,14606-2505](http://maps.google.com/maps?f=g&source=s_q&hl=en&geocode=&q=29+Santee+St,Rochester,NY,14606-2505)

Directions from Rochester Housing Authority to this property

[http://maps.google.com/maps?f=d&source=s\\_d&saddr=675+W+Main+St,Rochester,NY,14611-2313&daddr=29+Santee+St,Rochester,NY,14606-2505](http://maps.google.com/maps?f=d&source=s_d&saddr=675+W+Main+St,Rochester,NY,14611-2313&daddr=29+Santee+St,Rochester,NY,14606-2505)



In this 3D model, facets appear as semi-transparent to reveal overhangs.

**PREPARED FOR**

Contact:	James Senger
Company:	Rochester Housing Authority
Address:	675 W Main St Rochester, NY 14611-2313
Phone:	585-202-1266

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 Area Diagram .....6  
 Notes Diagram.....7  
 Report Summary .....10

**MEASUREMENTS**

- Total Roof Area =1,275 sq ft
- Total Roof Facets =6
- Predominant Pitch =10/12
- Number of Stories >1
- Total Ridges/Hips =55 ft
- Total Valleys =0 ft
- Total Rakes =111 ft
- Total Eaves =109 ft

Measurements provided by [www.eagleview.com](http://www.eagleview.com)



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[www.eagleview.com/Guarantee.aspx](http://www.eagleview.com/Guarantee.aspx)

# IMAGES

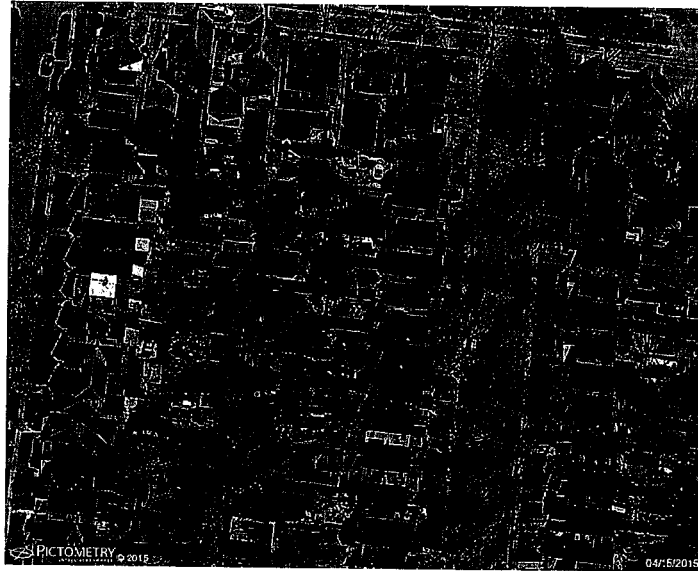
The following aerial images show different angles of this structure for your reference.

Top View



# IMAGES

North Side

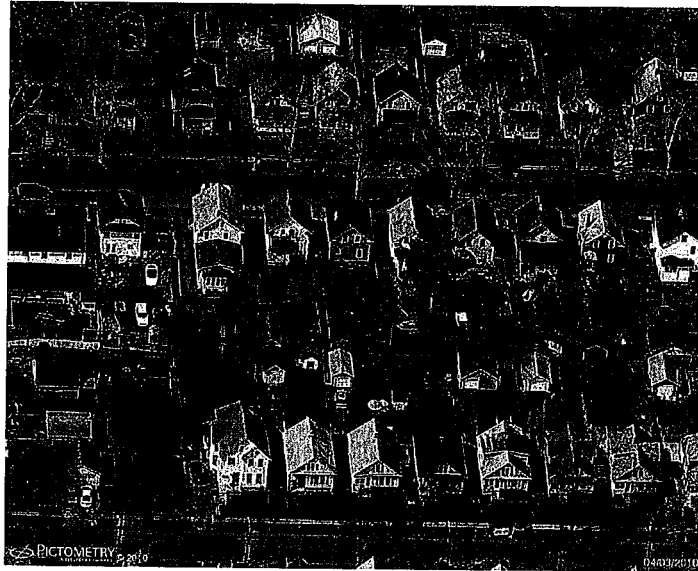


South Side



# IMAGES

East Side



West Side



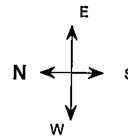
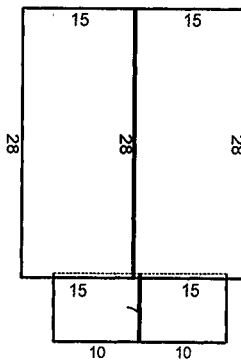
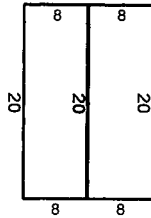


# LENGTH DIAGRAM

Total Line Lengths:  
**Ridges = 55 ft**  
 Hips = 0 ft

Valleys = 0 ft  
 Rakes = 111 ft  
 Eaves = 109 ft

Flashing = 0 ft  
 Step flashing = 20 ft  
**Parapets = 0 ft**

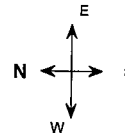
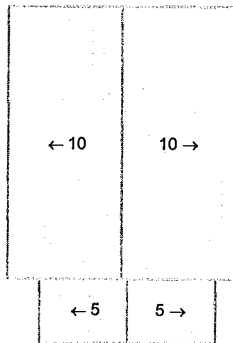
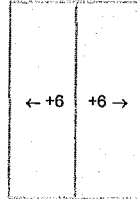


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Note: This diagram contains segment lengths (rounded to the nearest whole number) over 5.0 Feet. In some cases, segment labels have been removed for readability. Plus signs preface some numbers to avoid confusion when rotated (e.g. +6 and +9).

# PITCH DIAGRAM

Pitch values are shown in inches per foot, and arrows indicate slope direction. The predominant pitch on this roof is 10/12

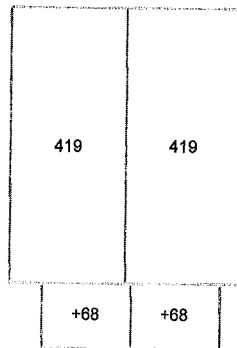
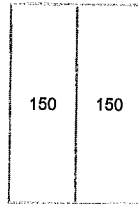


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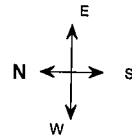
Note: This diagram contains labeled pitches for facet areas larger than 20.0 square feet. In some cases, pitch labels have been removed for readability. Blue shading indicates a pitch of 3/12 and greater.

# AREA DIAGRAM

Total Area = 1,275 sq ft, with 6 facets.



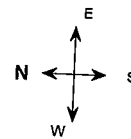
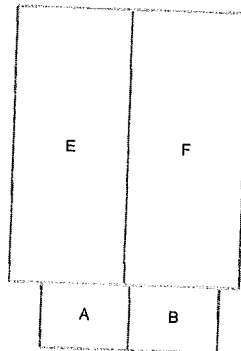
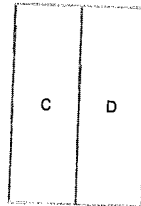
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Note: This diagram shows the square feet of each roof facet (rounded to the nearest Foot). The total area in square feet, at the top of this page, is based on the non-rounded values of each roof facet (rounded to the nearest square foot after being totaled).

# NOTES DIAGRAM

Roof facets are labeled from smallest to largest (A to Z) for easy reference.



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## REPORT SUMMARY

### Structure #1

#### Areas per Pitch

Roof Pitches	10/12		5/12	
Area (sq ft)	838.2		136.5	
% of Roof	86%		14%	

The table above lists each pitch on this roof and the total area and percent (both rounded) of the roof with that pitch.

#### Structure Complexity

Simple	Normal	Complex

#### Waste Calculation

NOTE: This waste calculation table is for asphalt shingle roofing applications. All values in table below only include roof areas of 3/12 pitch or greater. For total measurements of all pitches, please refer to the **Lengths, Areas, and Pitches** section below.

Waste %	0%	5%	8%	10%	12%	15%	20%	25%	30%
Area (Sq ft)	975	1024	1053	1073	1092	1122	1170	1219	1268
Squares *	10.00	10.33	10.66	11.00	11.00	11.33	12.00	12.33	13.00
	Measured			Suggested					

\* Squares are rounded up to the 1/3 of a square.

Additional materials needed for ridge, hip, and starter lengths are not included in the above table. The provided suggested waste factor is intended to serve as a guide—actual waste percentages may differ based upon several variables that EagleView does not control. These waste factor variables include, but are not limited to, individual installation techniques, crew experiences, asphalt shingle material subtleties, and potential salvage from the site. Individual results may vary from the suggested waste factor that EagleView has provided. The suggested waste is not to replace or substitute for experience or judgment as to any given replacement or repair work.



Total Roof Facets = 4

#### Lengths, Areas and Pitches

Ridges = 35 ft (2 Ridges)  
 Hips = 0 ft (0 Hips).  
 Valleys = 0 ft (0 Valleys)  
 Rakes† = 81 ft (6 Rakes)  
 Eaves/Starter‡ = 70 ft (4 Eaves)  
 Drip Edge (Eaves + Rakes) = 151 ft (10 Lengths)  
 Parapet Walls = 0 (0 Lengths).  
 Flashing = 0 ft (0 Lengths)  
 Step flashing = 20 ft (2 Lengths)  
 Predominant Pitch = 10/12  
**Total Area (All Pitches) = 975 sq ft**

#### Property Location

Longitude = -77.6464090  
 Latitude = 43.1697647

#### Notes

This was ordered as a residential property. There were no changes to the structure in the past four years.

† Rakes are defined as roof edges that are sloped (not level).  
 ‡ Eaves are defined as roof edges that are not sloped and level.

## REPORT SUMMARY

### Structure #2

Areas per Pitch	
Roof Pitches	6/12
Area (sq ft)	299.8
% of Roof	100%

The table above lists each pitch on this roof and the total area and percent (both rounded) of the roof with that pitch.

Structure Complexity		
Simple	Normal	Complex

Waste Calculation									
NOTE: This waste calculation table is for asphalt shingle roofing applications. All values in table below only include roof areas of 3/12 pitch or greater. For total measurements of all pitches, please refer to the Lengths, Areas, and Pitches section below.									
Waste %	0%	8%	13%	18%	21%	23%	25%	28%	33%
Area (Sq ft)	300	324	339	354	363	369	375	384	399
Squares *	3.00	3.33	3.66	3.66	3.66	4.00	4.00	4.00	4.00
	Measured					Suggested			

\* Squares are rounded up to the 1/3 of a square.

Additional materials needed for ridge, hip, and starter lengths are not included in the above table. The provided suggested waste factor is intended to serve as a guide—actual waste percentages may differ based upon several variables that EagleView does not control. These waste factor variables include, but are not limited to, individual installation techniques, crew experiences, asphalt shingle material subtleties, and potential salvage from the site. Individual results may vary from the suggested waste factor that EagleView has provided. The suggested waste is not to replace or substitute for experience or judgment as to any given replacement or repair work.



Total Roof Facets = 2

### Lengths, Areas and Pitches

- Ridges = 20 ft (1 Ridges)
- Hips = 0 ft (0 Hips)
- Valleys = 0 ft (0 Valleys)
- Rakes† = 31 ft (4 Rakes)
- Eaves/Starter‡ = 40 ft (2 Eaves)
- Drip Edge (Eaves + Rakes) = 71 ft (6 Lengths)
- Parapet Walls = 0 (0 Lengths)
- Flashing = 0 ft (0 Lengths)
- Step flashing = 0 ft (0 Lengths)
- Predominant Pitch = 6/12
- Total Area (All Pitches) = 300 sq ft**

### Property Location

Longitude = -77.6464090  
Latitude = 43.1697647

### Notes

This was ordered as a residential property. There were no changes to the structure in the past four years.

† Rakes are defined as roof edges that are sloped (not level).  
‡ Eaves are defined as roof edges that are not sloped and level.

## REPORT SUMMARY

### All Structures

Areas per Pitch			
<b>Roof Pitches</b>	5/12	6/12	10/12
<b>Area (sq ft)</b>	136.4	299.8	838.2
<b>% of Roof</b>	10.7%	23.5%	65.7%

The table above lists each pitch on this roof and the total area and percent (both rounded) of the roof with that pitch.

### All Structures Totals



Total Roof Facets = 6

#### Lengths, Areas and Pitches

Ridges = 55 ft (3 Ridges)  
 Hips = 0 ft (0 Hips)  
 Valleys = 0 ft (0 Valleys)  
 Rakes<sup>†</sup> = 111 ft (10 Rakes)  
 Eaves/Starter<sup>‡</sup> = 109 ft (6 Eaves)  
 Drip Edge (Eaves + Rakes) = 220 ft (16 Lengths)  
 Parapet Walls = 0 (0 Lengths)  
 Flashing = 0 ft (0 Lengths)  
 Step flashing = 20 ft (2 Lengths)  
 Predominant Pitch = 10/12

**Total Area (All Pitches) = 1,275 sq ft**

#### Property Location

Longitude = -77.6464090  
 Latitude = 43.1697647

#### Notes

This was ordered as a residential property. There were no changes to the structure in the past four years.

Measurements by Structure									
Structure	Area (sq ft)	Ridges (ft)	Hips (ft)	Valleys (ft)	Rakes (ft)	Eaves (ft)	Flashing (ft)	Step Flashing (ft)	Parapets (ft)
1	975	35	0	0	81	70	0	20	0
2	300	20	0	0	31	40	0	0	0

All values in this table are rounded up to the nearest Foot for each separate structure. Measurement totals displayed elsewhere in this report are added together before rounding which may cause totals to differ.

The table above lists each pitch on this roof and the total area and percent (both rounded) of the roof with that pitch.

### Online Maps

Online map of property

[http://maps.google.com/maps?f=g&source=s\\_q&hl=en&geocode=&q=34+Dix+St,Rochester,NY,14606-2517](http://maps.google.com/maps?f=g&source=s_q&hl=en&geocode=&q=34+Dix+St,Rochester,NY,14606-2517)

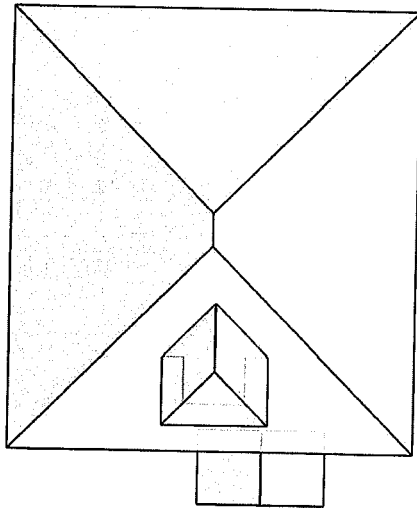
Directions from Rochester Housing Authority to this property

[http://maps.google.com/maps?f=d&source=s\\_d&saddr=675+W+Main+St,Rochester,NY,14611-2313&daddr=34+Dix+St,Rochester,NY,14606-2517](http://maps.google.com/maps?f=d&source=s_d&saddr=675+W+Main+St,Rochester,NY,14611-2313&daddr=34+Dix+St,Rochester,NY,14606-2517)

- † Rakes are defined as roof edges that are sloped (not level).
- ‡ Eaves are defined as roof edges that are not sloped and level.







In this 3D model, facets appear as semi-transparent to reveal overhangs.

### PREPARED FOR

Contact: James Senger  
 Company: Rochester Housing Authority  
 Address: 675 W Main St  
 Rochester, NY 14611-2313  
 Phone: 585-202-1266

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### MEASUREMENTS

Total Roof Area =1,165 sq ft  
 Total Roof Facets =9  
 Predominant Pitch =10/12  
 Number of Stories >1  
 Total Ridges/Hips =115 ft  
 Total Valleys =12 ft  
 Total Rakes =12 ft  
 Total Eaves =142 ft

Measurements provided by [www.eagleview.com](http://www.eagleview.com)



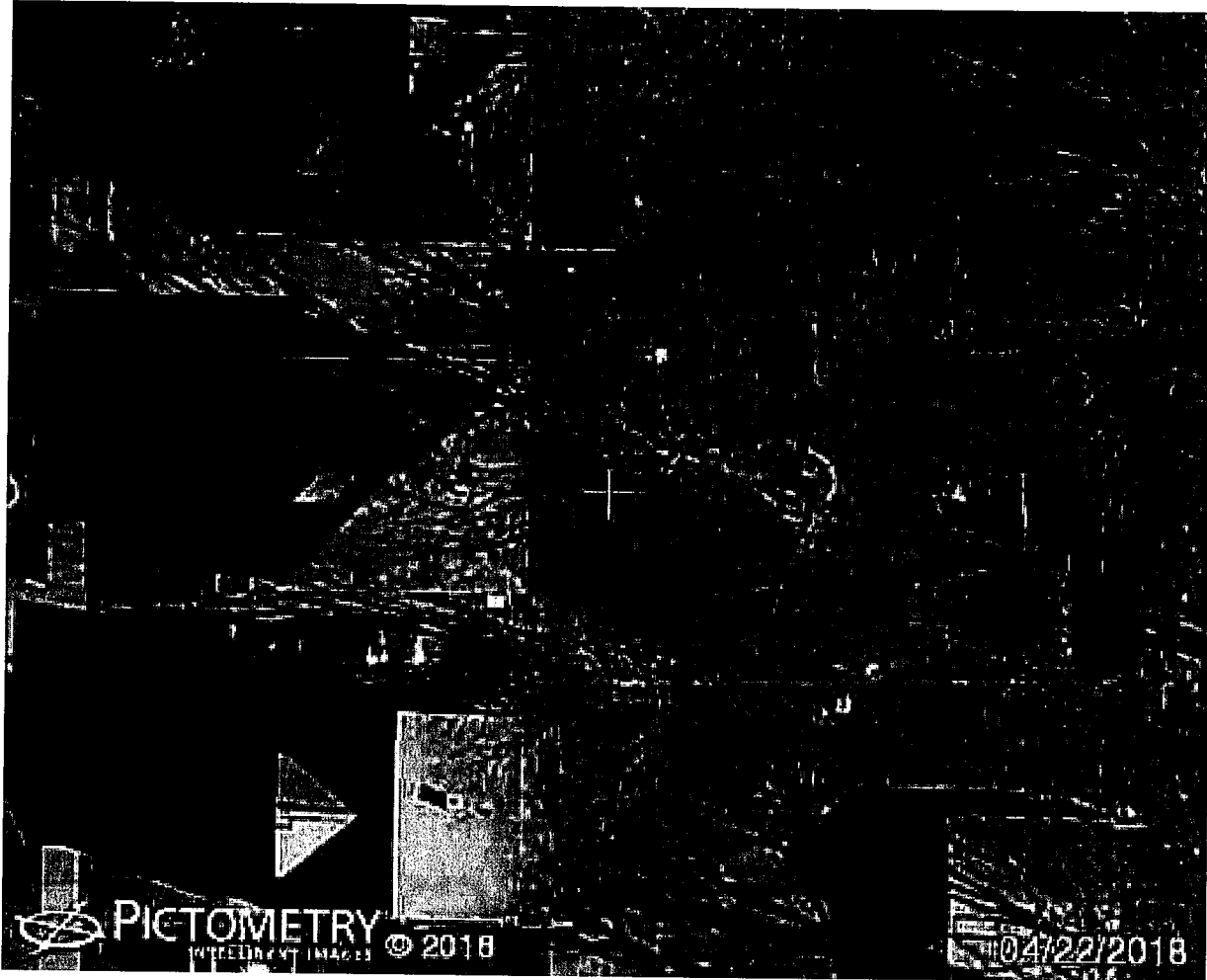
**Certified Accurate**

[www.eagleview.com/Guarantee.aspx](http://www.eagleview.com/Guarantee.aspx)

# IMAGES

The following aerial images show different angles of this structure for your reference.

Top View



# IMAGES

North Side

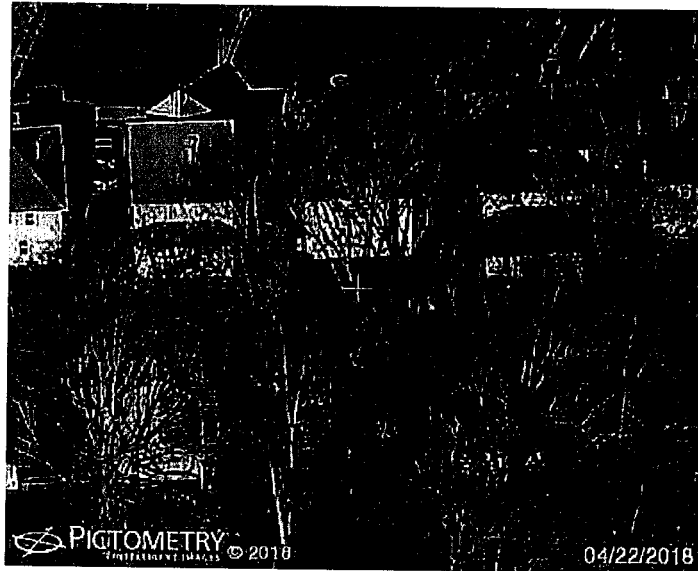


South Side

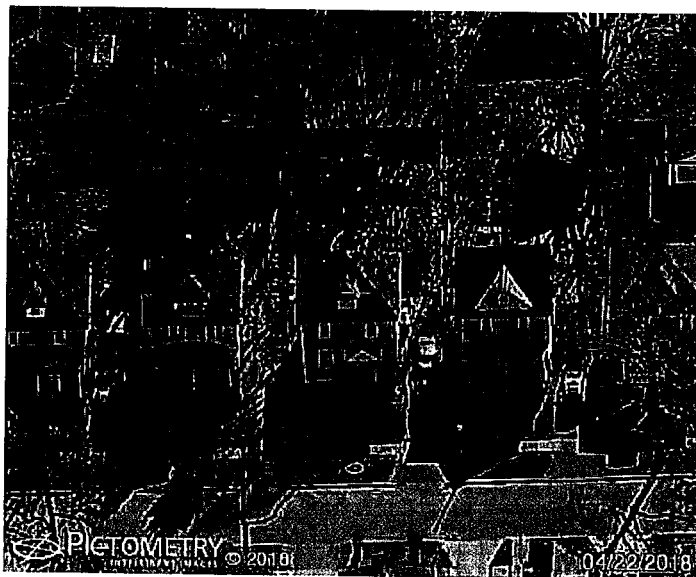


# IMAGES

East Side



West Side

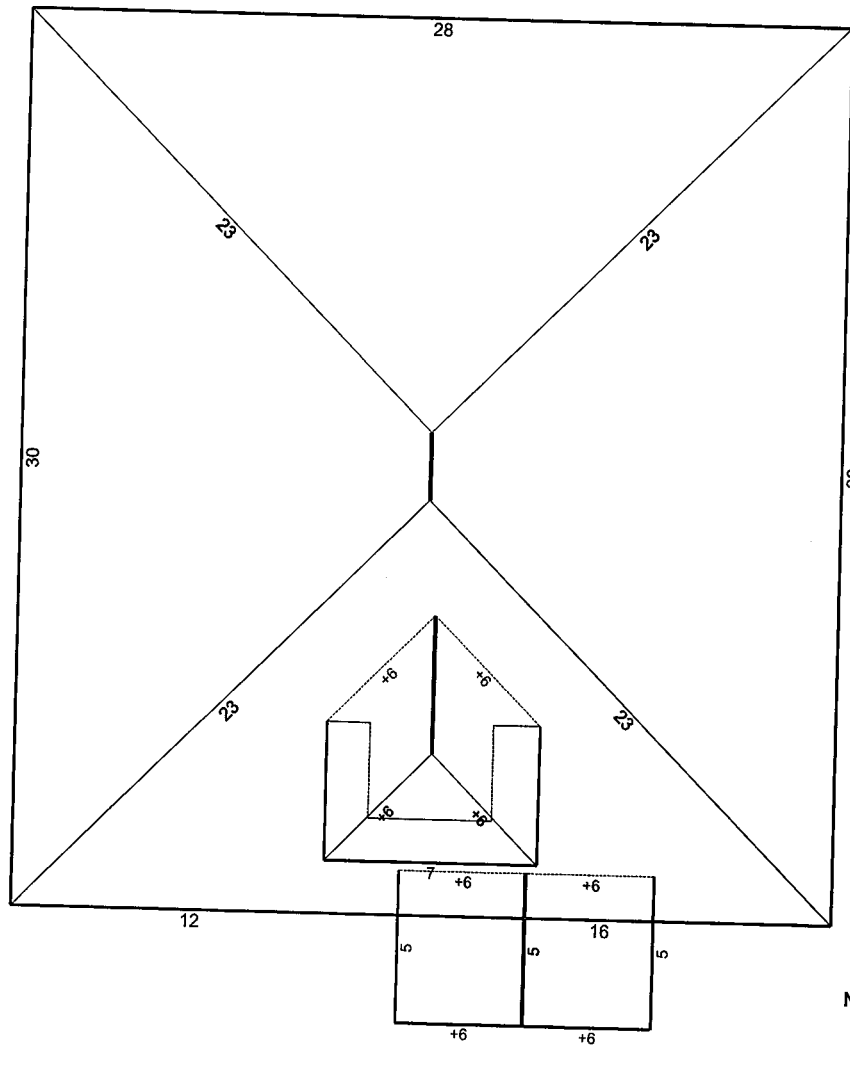


# LENGTH DIAGRAM

Total Line Lengths:  
**Ridges = 12 ft**  
 Hips = 103 ft

Valleys = 12 ft  
 Rakes = 12 ft  
 Eaves = 142 ft

Flashing = 8 ft  
 Step flashing = 20 ft  
 Parapets = 0 ft

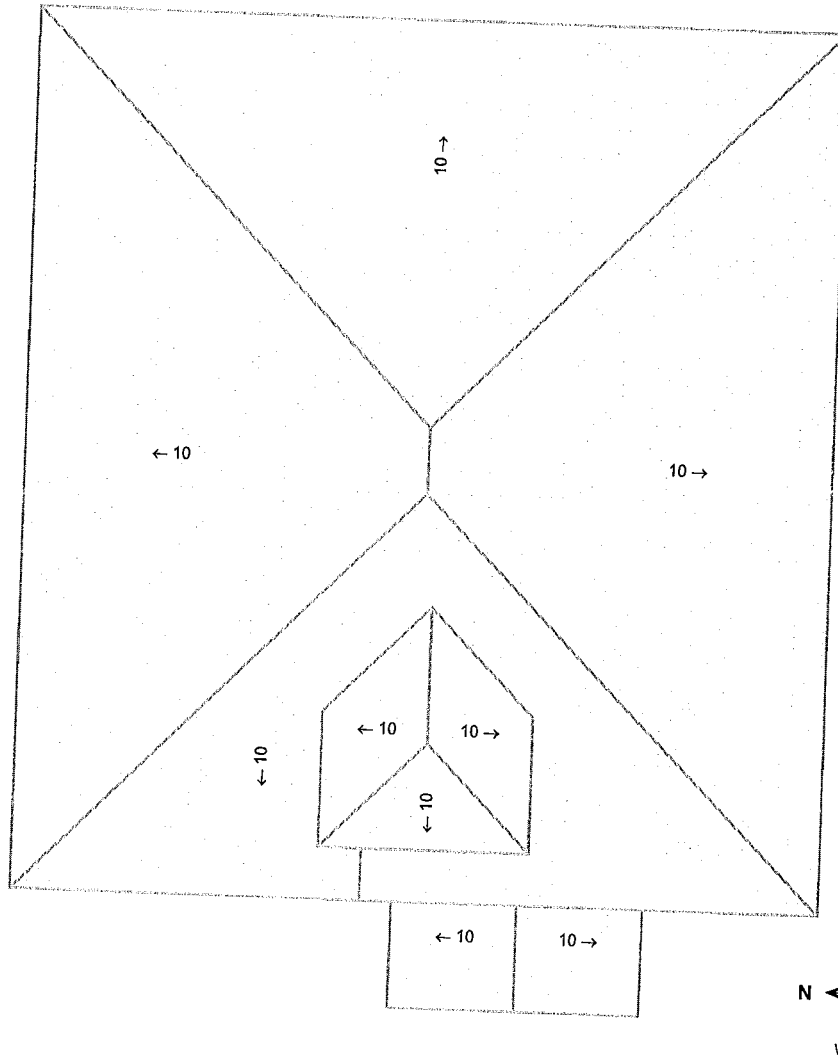


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**Note: This diagram contains segment lengths (rounded to the nearest whole number) over 5.0 Feet. In some cases, segment labels have been removed for readability. Plus signs preface some numbers to avoid confusion when rotated (e.g. +6 and +9).**

# PITCH DIAGRAM

Pitch values are shown in inches per foot, and arrows indicate slope direction. The predominant pitch on this roof is 10/12

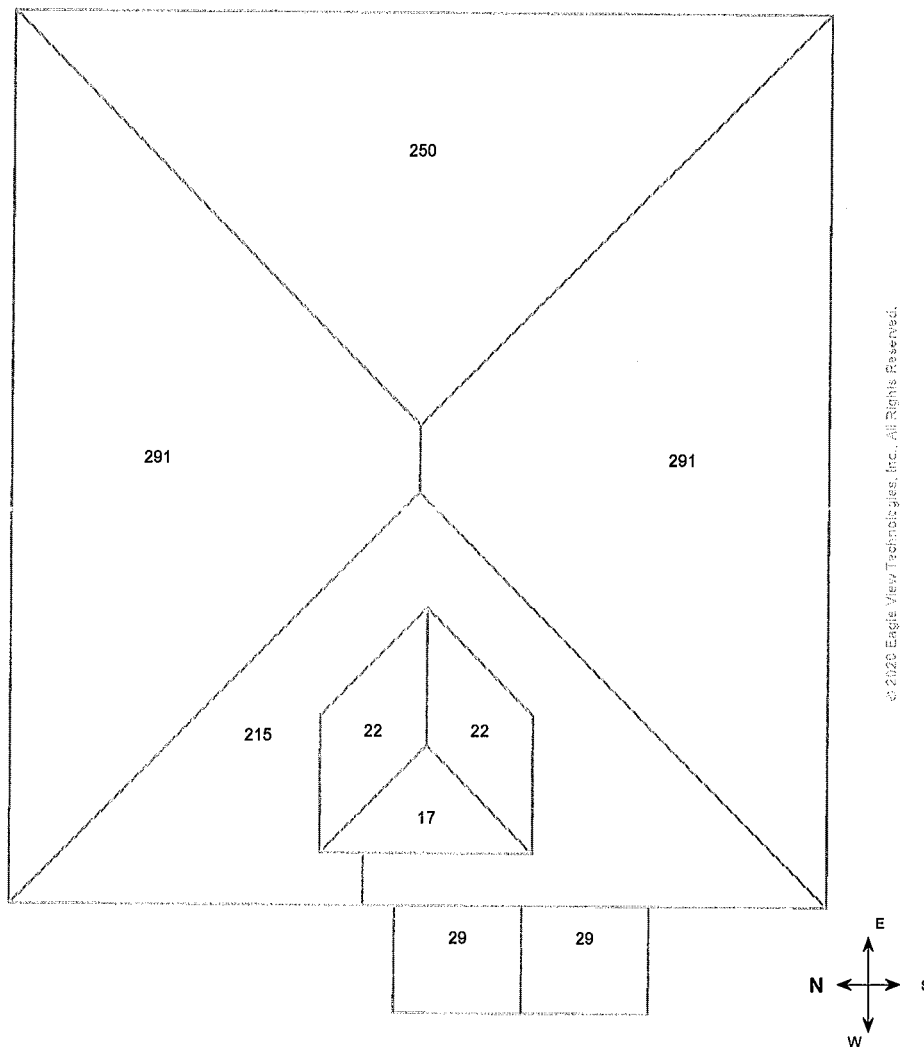


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**Note:** This diagram contains labeled pitches for facet areas larger than 20.0 square feet. In some cases, pitch labels have been removed for readability. Blue shading indicates a pitch of 3/12 and greater.

# AREA DIAGRAM

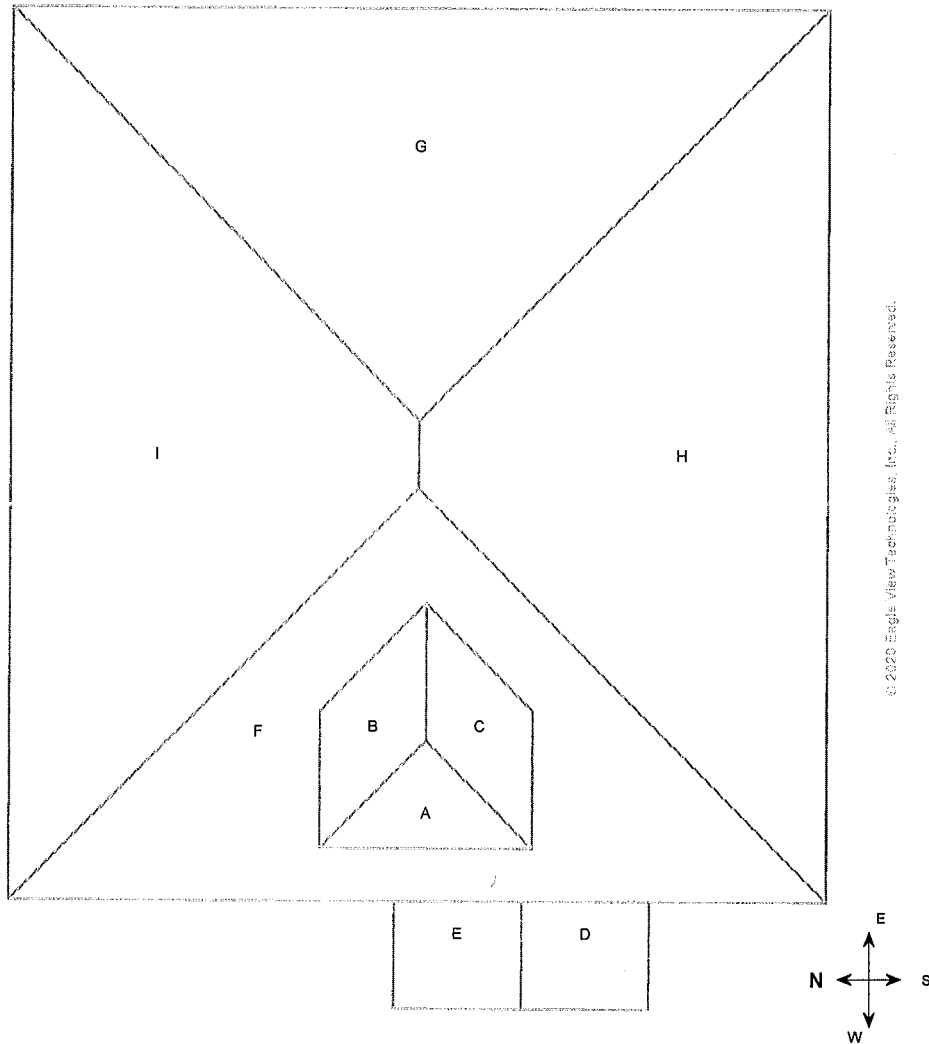
Total Area = 1,165 sq ft, with 9 facets.



Note: This diagram shows the square feet of each roof facet (rounded to the nearest Foot). The total area in square feet, at the top of this page, is based on the non-rounded values of each roof facet (rounded to the nearest square foot after being totaled).

# NOTES DIAGRAM

Roof facets are labeled from smallest to largest (A to Z) for easy reference.





## REPORT SUMMARY

### All Structures

Areas per Pitch	
Roof Pitches	10/12
Area (sq ft)	1164.1
% of Roof	99.9%

The table above lists each pitch on this roof and the total area and percent (both rounded) of the roof with that pitch.

### Structure Complexity

Simple

Normal

Complex

### Waste Calculation

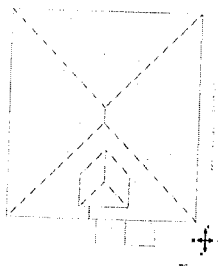
NOTE: This waste calculation table is for asphalt shingle roofing applications. All values in table below only include roof areas of 3/12 pitch or greater. For total measurements of all pitches, please refer to the **Lengths, Areas, and Pitches** section below.

Waste %	0%	11%	16%	21%	24%	26%	28%	31%	36%
Area (Sq ft)	<b>1165</b>	1294	1352	1410	1445	<b>1468</b>	1492	1527	1585
Squares *	<b>11.66</b>	13.00	13.66	14.33	14.66	<b>15.00</b>	15.00	15.33	16.00
	Measured					Suggested			

\* Squares are rounded up to the 1/3 of a square

Additional materials needed for ridge, hip, and starter lengths are not included in the above table. The provided suggested waste factor is intended to serve as a guide—actual waste percentages may differ based upon several variables that EagleView does not control. These waste factor variables include, but are not limited to, individual installation techniques, crew experiences, asphalt shingle material subtleties, and potential salvage from the site. Individual results may vary from the suggested waste factor that EagleView has provided. The suggested waste is not to replace or substitute for experience or judgment as to any given replacement or repair work.

### All Structures Totals



Total Roof Facets = 9

#### Lengths, Areas and Pitches

Ridges = 12 ft (3 Ridges)  
 Hips = 103 ft (6 Hips)  
 Valleys = 12 ft (2 Valleys)  
 Rakes† = 12 ft (2 Rakes)  
 Eaves/Starter‡ = 142 ft (10 Eaves)  
 Drip Edge (Eaves + Rakes) = 154 ft (12 Lengths)  
 Parapet Walls = 0 (0 Lengths)  
 Flashing = 8 ft (3 Lengths)  
 Step flashing = 20 ft (4 Lengths)  
 Predominant Pitch = 10/12  
**Total Area (All Pitches) = 1,165 sq ft**

#### Property Location

Longitude = -77.6520307  
 Latitude = 43.1459841

#### Notes

This was ordered as a residential property. There were no changes to the structure in the past four years.

† Rakes are defined as roof edges that are sloped (not level).  
 ‡ Eaves are defined as roof edges that are not sloped and level.

40 Salina St, Rochester, NY 14611-2910

Report: 32669679

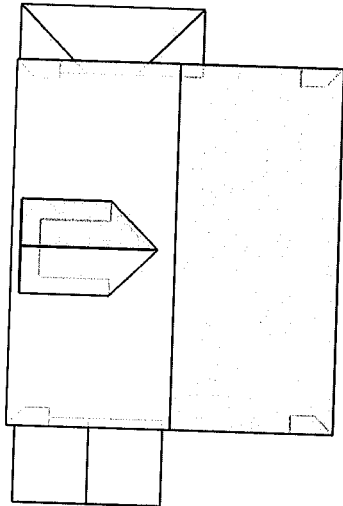
**Online Maps**

Online map of property

[http://maps.google.com/maps?f=q&source=s\\_q&hl=en&geocode=&q=40+Salina+St,Rochester,NY,14611-2910](http://maps.google.com/maps?f=q&source=s_q&hl=en&geocode=&q=40+Salina+St,Rochester,NY,14611-2910)

Directions from Rochester Housing Authority to this property

[http://maps.google.com/maps?f=d&source=s\\_d&saddr=675+W+Main+St,Rochester,NY,14611-2313&daddr=40+Salina+St,Rochester,NY,14611-2910](http://maps.google.com/maps?f=d&source=s_d&saddr=675+W+Main+St,Rochester,NY,14611-2313&daddr=40+Salina+St,Rochester,NY,14611-2910)



In this 3D model, facets appear as semi-transparent to reveal overhangs.

**PREPARED FOR**

Contact: James Senger  
Company: Rochester Housing Authority  
Address: 675 W Main St  
Rochester, NY 14611-2313  
Phone: 585-202-1266

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**MEASUREMENTS**

- Total Roof Area =1,182 sq ft
- Total Roof Facets =13
- Predominant Pitch =8/12
- Number of Stories >1
- Total Ridges/Hips =65 ft
- Total Valleys =12 ft
- Total Rakes =93 ft
- Total Eaves =129 ft

Measurements provided by [www.eagleview.com](http://www.eagleview.com)



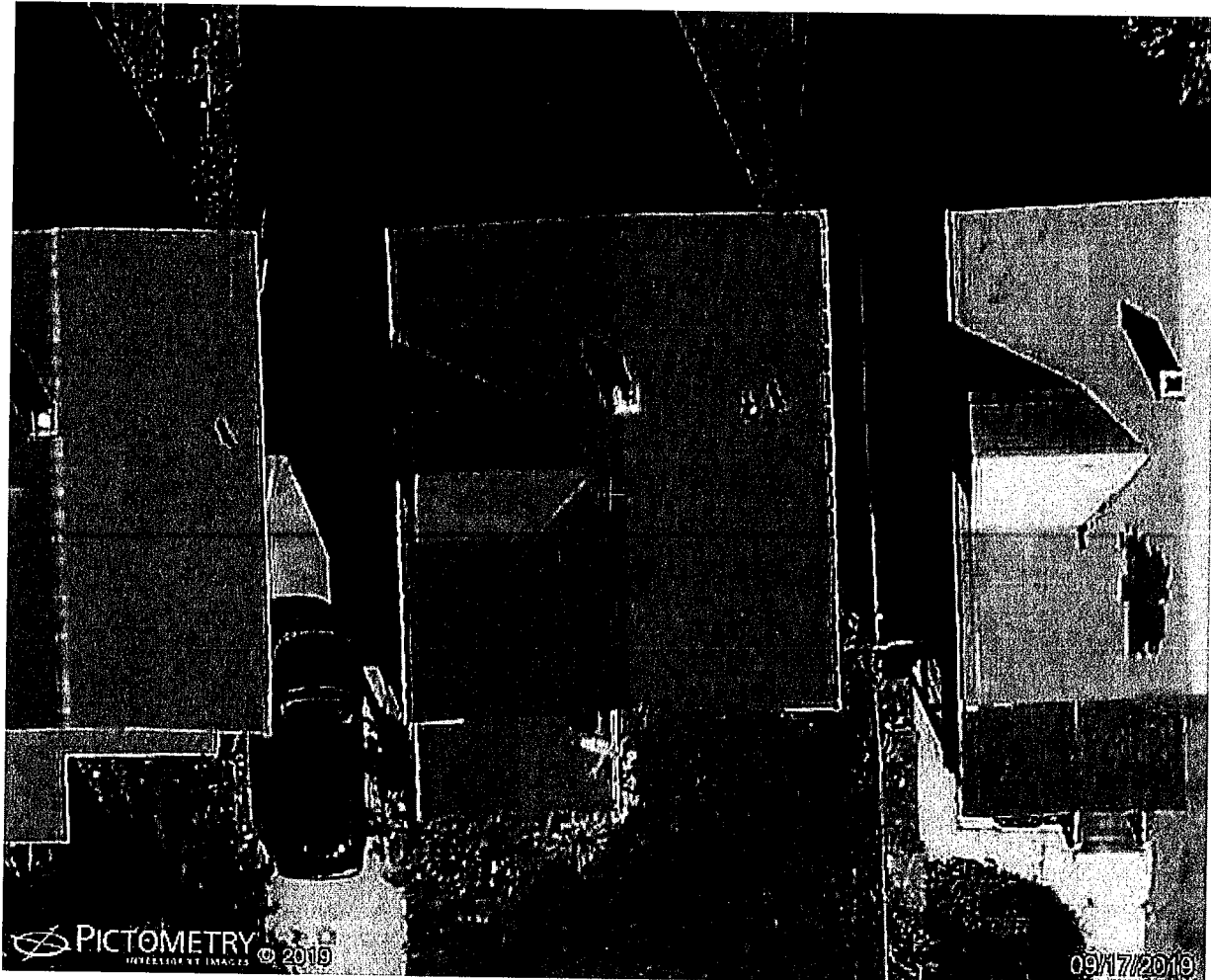
**Certified Accurate**

[www.eagleview.com/Guarantee.aspx](http://www.eagleview.com/Guarantee.aspx)

## IMAGES

The following aerial images show different angles of this structure for your reference.

Top View



# IMAGES

North Side



South Side



# IMAGES

East Side



West Side

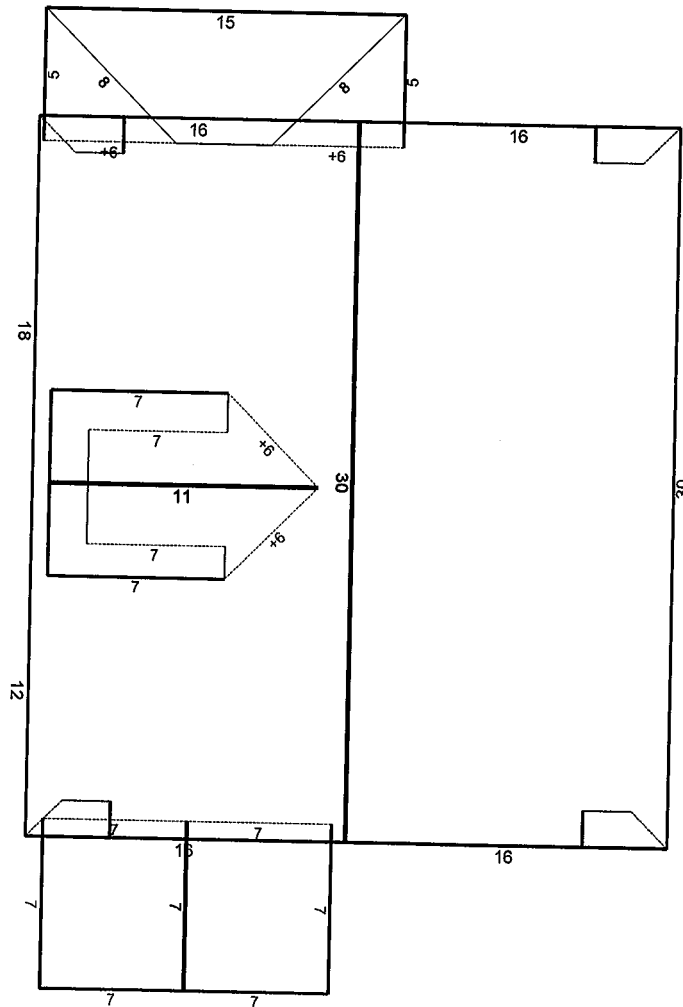


# LENGTH DIAGRAM

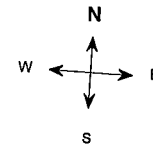
Total Line Lengths:  
**Ridges = 48 ft**  
 Hips = 17 ft

Valleys = 12 ft  
 Rakes = 93 ft  
 Eaves = 129 ft

Flashing = 20 ft  
 Step flashing = 47 ft  
 Parapets = 0 ft



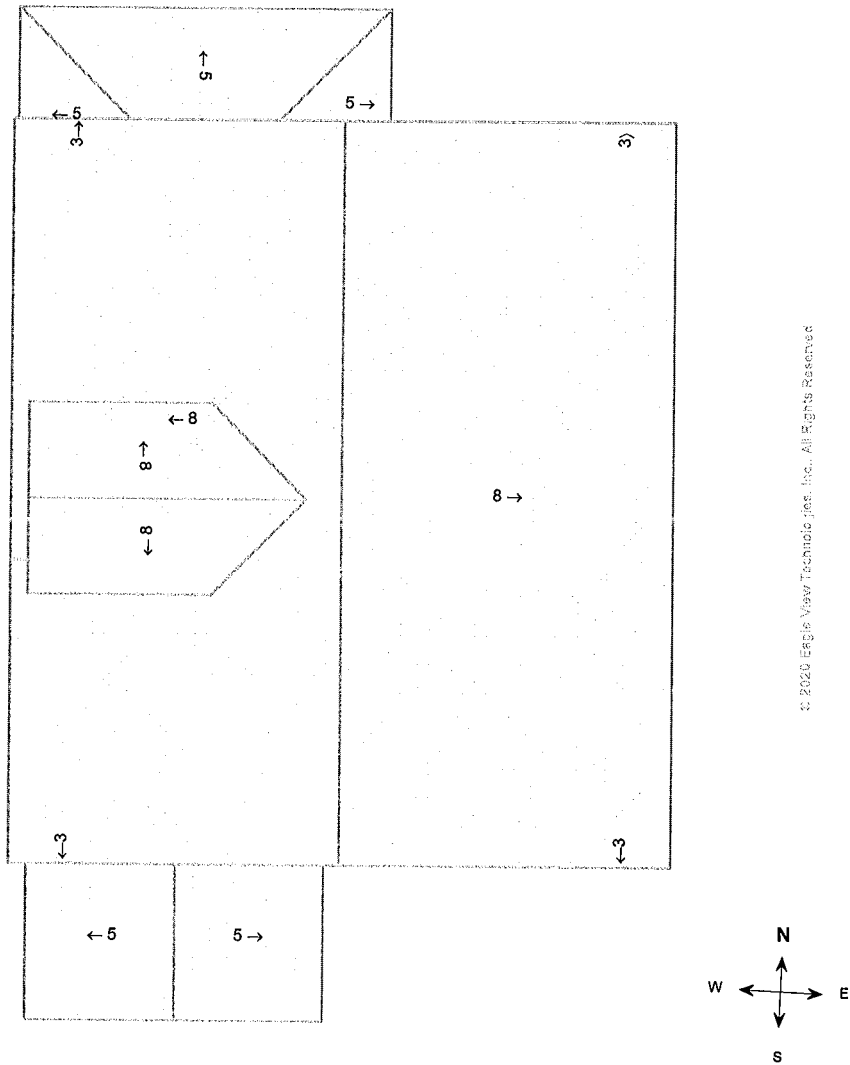
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Note: This diagram contains segment lengths (rounded to the nearest whole number) over 5.0 Feet. In some cases, segment labels have been removed for readability. Plus signs preface some numbers to avoid confusion when rotated (e.g. +6 and +9).

# PITCH DIAGRAM

Pitch values are shown in inches per foot, and arrows indicate slope direction. The predominant pitch on this roof is 8/12

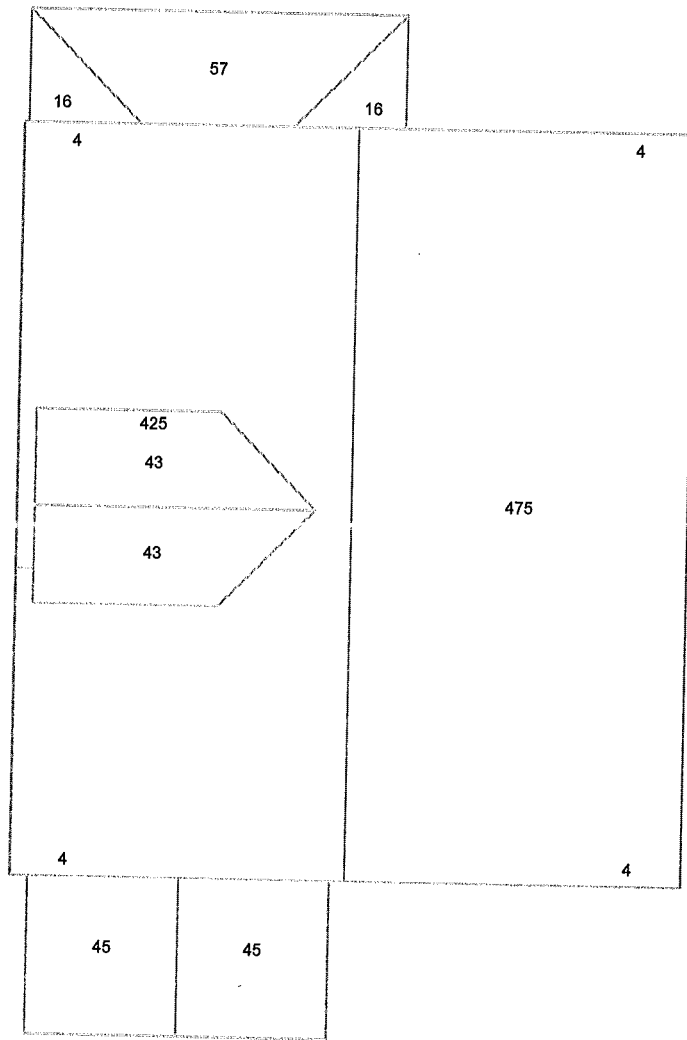


**Note:** This diagram contains labeled pitches for facet areas larger than 20.0 square feet. In some cases, pitch labels have been removed for readability. Blue shading indicates a pitch of 3/12 and greater.

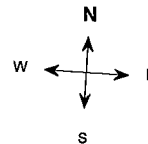


# AREA DIAGRAM

Total Area = 1,182 sq ft, with 13 facets.



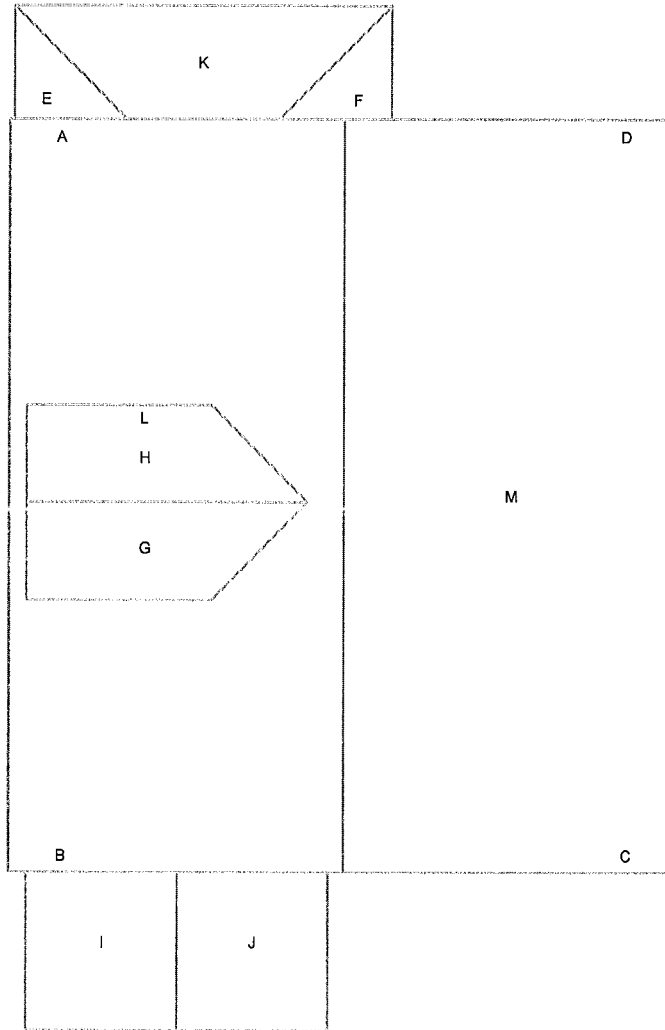
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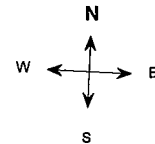
Note: This diagram shows the square feet of each roof facet (rounded to the nearest Foot). The total area in square feet, at the top of this page, is based on the non-rounded values of each roof facet (rounded to the nearest square foot after being totaled).

# NOTES DIAGRAM

Roof facets are labeled from smallest to largest (A to Z) for easy reference.



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# REPORT SUMMARY

## All Structures

### Areas per Pitch

Roof Pitches	3/12	5/12	8/12
Area (sq ft)	17.2	179.6	984.5
% of Roof	1.5%	15.2%	83.3%

The table above lists each pitch on this roof and the total area and percent (both rounded) of the roof with that pitch.

### Structure Complexity

Simple

Normal

Complex

### Waste Calculation

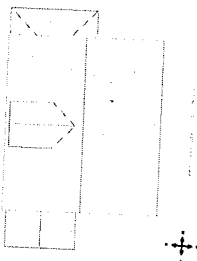
NOTE: This waste calculation table is for asphalt shingle roofing applications. All values in table below only include roof areas of 3/12 pitch or greater. For total measurements of all pitches, please refer to the **Lengths, Areas, and Pitches** section below.

Waste %	0%	1%	6%	11%	14%	16%	18%	21%	26%
Area (Sq ft)	<b>1182</b>	1194	1253	1313	1348	<b>1372</b>	1395	1431	1490
Squares *	<b>12.00</b>	12.00	12.66	13.33	13.66	<b>14.00</b>	14.00	14.33	15.00
	<b>Measured</b>					<b>Suggested</b>			

\* Squares are rounded up to the 1/3 of a square

Additional materials needed for ridge, hip, and starter lengths are not included in the above table. The provided suggested waste factor is intended to serve as a guide—actual waste percentages may differ based upon several variables that EagleView does not control. These waste factor variables include, but are not limited to, individual installation techniques, crew experiences, asphalt shingle material subtleties, and potential salvage from the site. Individual results may vary from the suggested waste factor that EagleView has provided. The suggested waste is not to replace or substitute for experience or judgment as to any given replacement or repair work.

## All Structures Totals



Total Roof Facets = 13

### Lengths, Areas and Pitches

Ridges = 48 ft (3 Ridges)  
 Hips = 17 ft (2 Hips)  
 Valleys = 12 ft (2 Valleys)  
 Rakes<sup>†</sup> = 93 ft (12 Rakes)  
 Eaves/Starter<sup>‡</sup> = 129 ft (14 Eaves)  
 Drip Edge (Eaves + Rakes) = 222 ft (26 Lengths)  
 Parapet Walls = 0 (0 Lengths)  
 Flashing = 20 ft (8 Lengths)  
 Step flashing = 47 ft (10 Lengths)  
 Predominant Pitch = 8/12  
**Total Area (All Pitches) = 1,182 sq ft**

### Property Location

Longitude = -77.6043986  
 Latitude = 43.1825910

### Notes

This was ordered as a residential property. There were no changes to the structure in the past four years.

<sup>†</sup> Rakes are defined as roof edges that are sloped (not level).  
<sup>‡</sup> Eaves are defined as roof edges that are not sloped and level.

46 Laser St, Rochester, NY 14621-3606

Report: 32670073

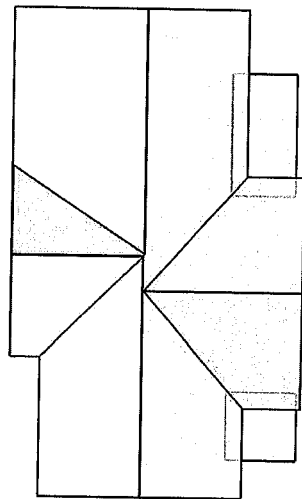
**Online Maps**

Online map of property

[http://maps.google.com/maps?f=q&source=s\\_q&hl=en&geocode=&q=46+Laser+St,Rochester,NY,14621-3606](http://maps.google.com/maps?f=q&source=s_q&hl=en&geocode=&q=46+Laser+St,Rochester,NY,14621-3606)

Directions from Rochester Housing Authority to this property

[http://maps.google.com/maps?f=d&source=s\\_d&saddr=675+W+Main+St,Rochester,NY,14611-2313&daddr=46+Laser+St,Rochester,NY,14621-3606](http://maps.google.com/maps?f=d&source=s_d&saddr=675+W+Main+St,Rochester,NY,14611-2313&daddr=46+Laser+St,Rochester,NY,14621-3606)



In this 3D model, facets appear as semi-transparent to reveal overhangs.

## PREPARED FOR

Contact: James Senger  
 Company: Rochester Housing Authority  
 Address: 675 W Main St  
 Rochester, NY 14611-2313  
 Phone: 585-202-1266

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## MEASUREMENTS

Total Roof Area =1,398 sq ft  
 Total Roof Facets =10  
 Predominant Pitch =12/12  
 Number of Stories >1  
 Total Ridges/Hips =69 ft  
 Total Valleys =64 ft  
 Total Rakes =119 ft  
 Total Eaves =78 ft

Measurements provided by [www.eagleview.com](http://www.eagleview.com)



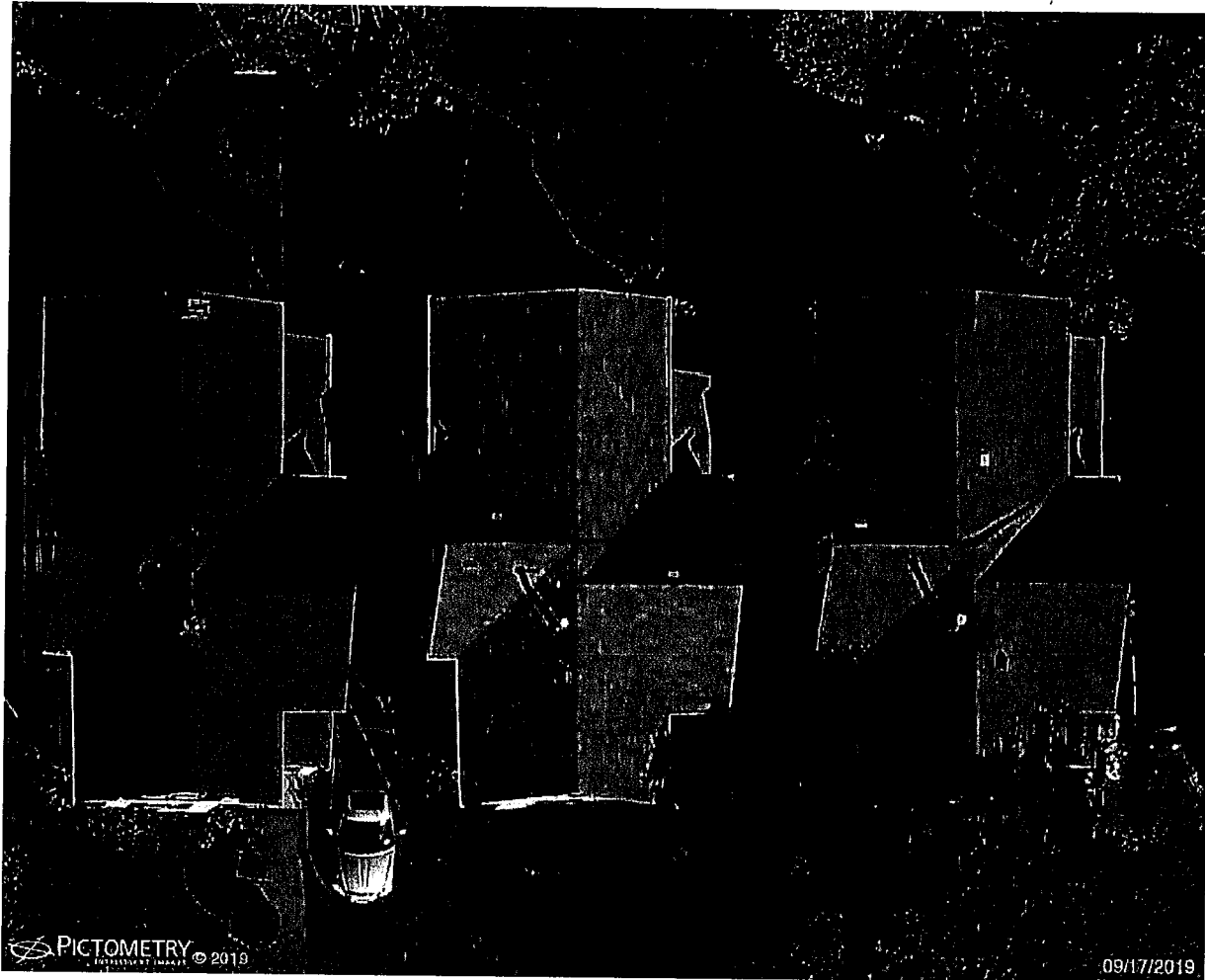
**Certified Accurate**

[www.eagleview.com/Guarantee.aspx](http://www.eagleview.com/Guarantee.aspx)

# IMAGES

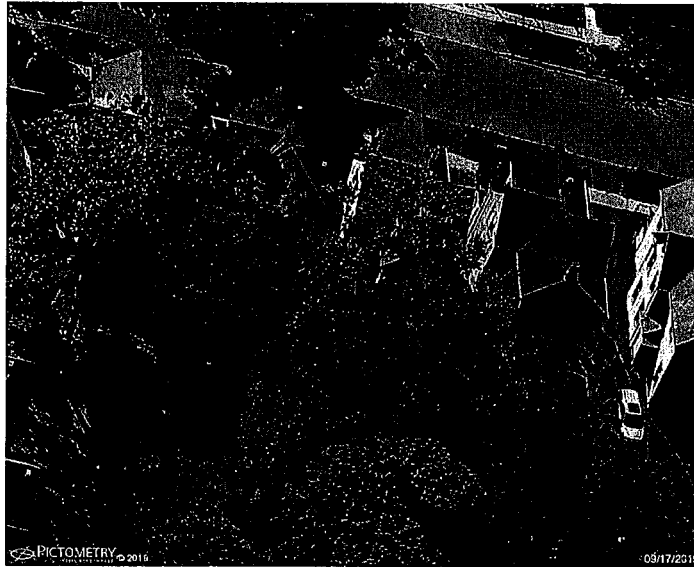
The following aerial images show different angles of this structure for your reference.

Top View

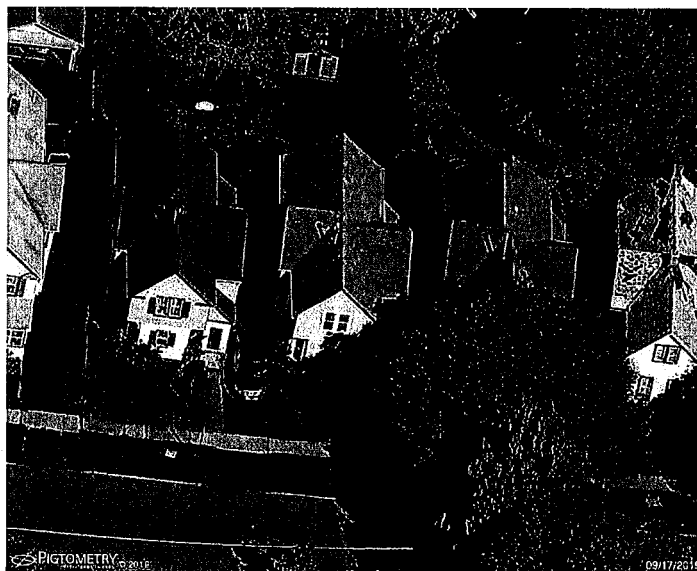


# IMAGES

North Side



South Side

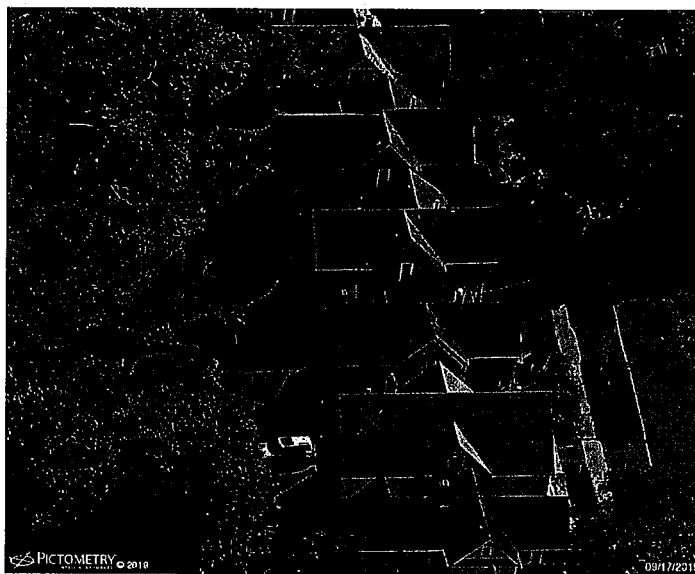


# IMAGES

East Side



West Side



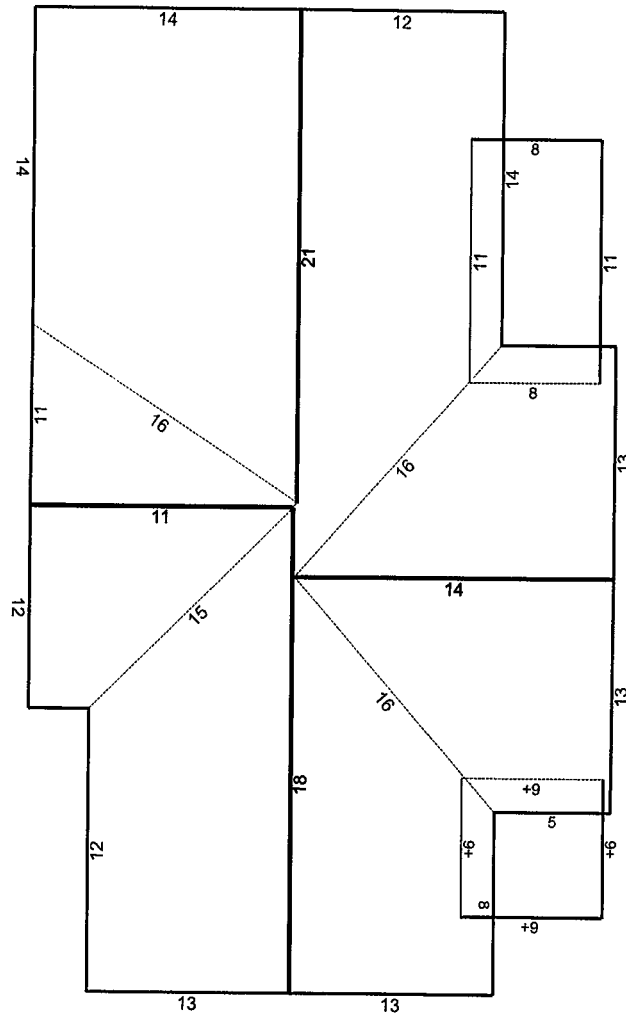


# LENGTH DIAGRAM

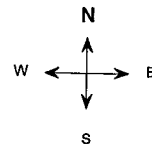
Total Line Lengths:  
**Ridges = 68 ft**  
 Hips = 1 ft

Valleys = 64 ft  
 Rakes = 119 ft  
 Eaves = 78 ft

Flashing = 17 ft  
 Step flashing = 17 ft  
**Parapets = 0 ft**



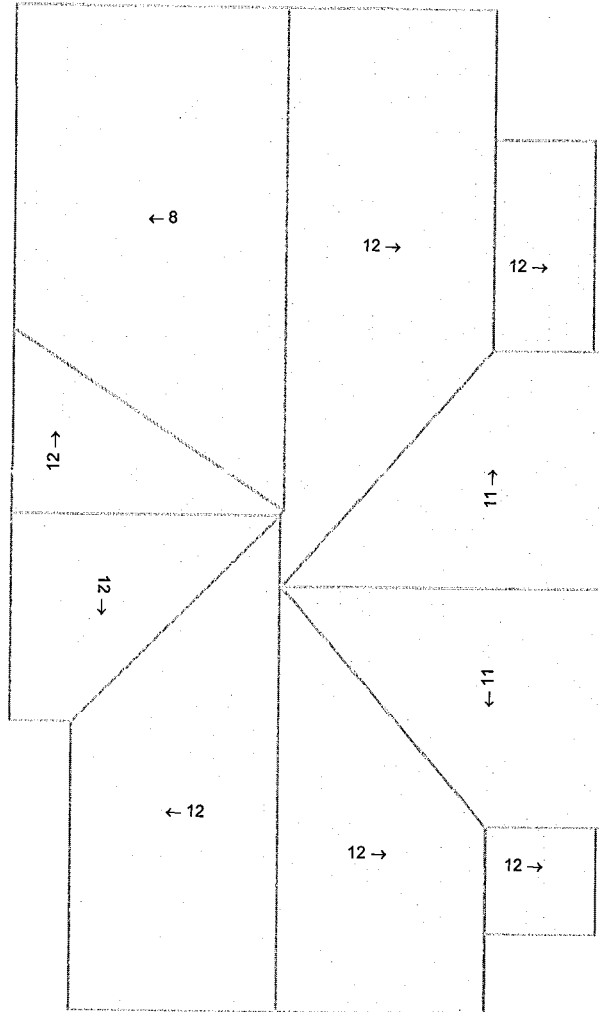
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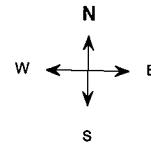
Note: This diagram contains segment lengths (rounded to the nearest whole number) over 5.0 Feet. In some cases, segment labels have been removed for readability. Plus signs preface some numbers to avoid confusion when rotated (e.g. +6 and +9).

# PITCH DIAGRAM

Pitch values are shown in inches per foot, and arrows indicate slope direction. The predominant pitch on this roof is 12/12



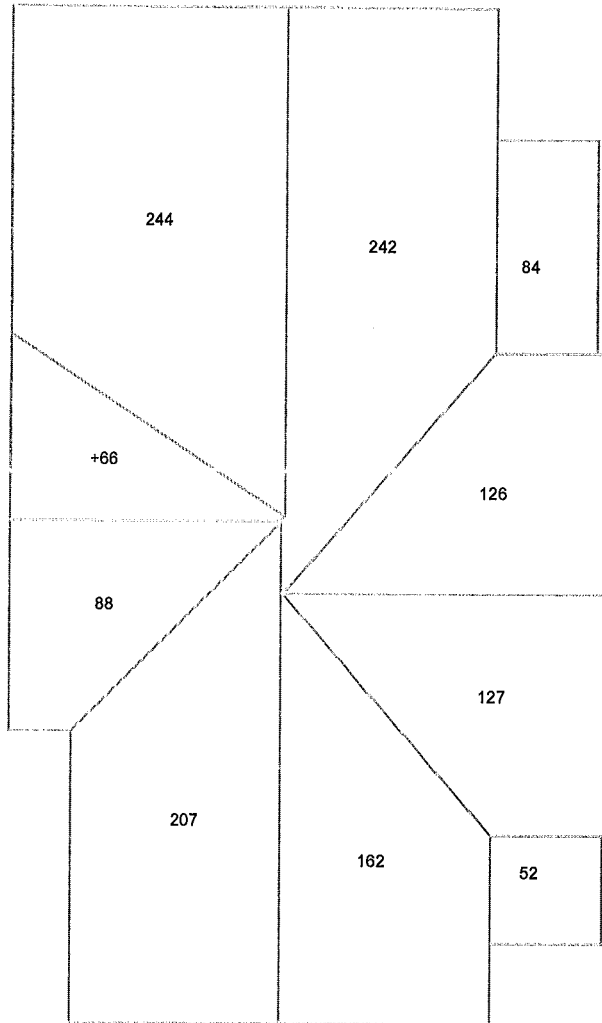
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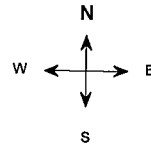
**Note:** This diagram contains labeled pitches for facet areas larger than 20.0 square feet. In some cases, pitch labels have been removed for readability. Blue shading indicates a pitch of 3/12 and greater.

# AREA DIAGRAM

Total Area = 1,398 sq ft, with 10 facets.



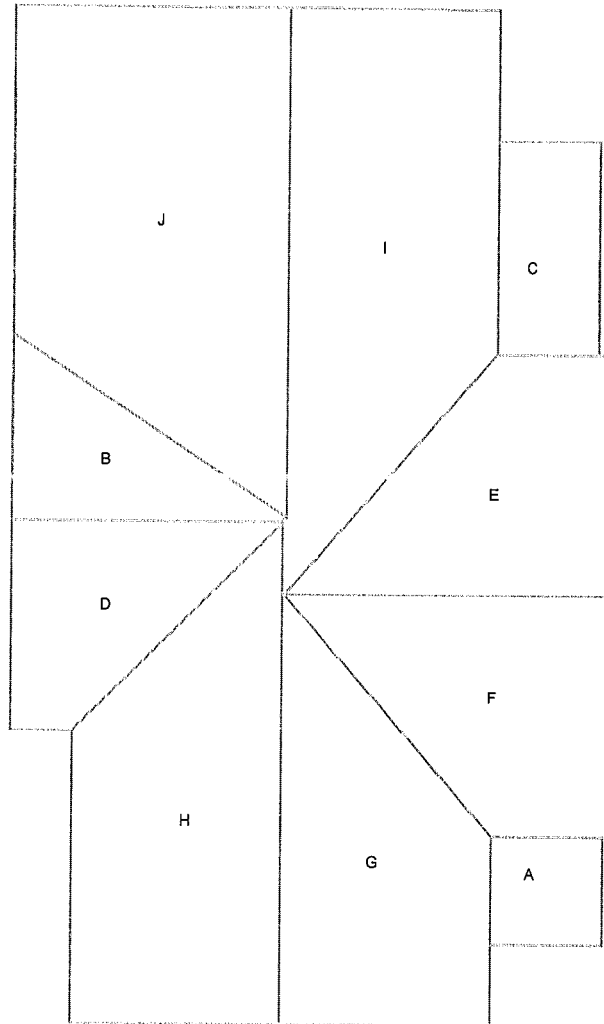
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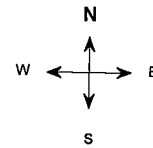
**Note:** This diagram shows the square feet of each roof facet (rounded to the nearest Foot). The total area in square feet, at the top of this page, is based on the non-rounded values of each roof facet (rounded to the nearest square foot after being totaled).

# NOTES DIAGRAM

Roof facets are labeled from smallest to largest (A to Z) for easy reference.



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## REPORT SUMMARY

### All Structures

Areas per Pitch			
Roof Pitches	8/12	11/12	12/12
Area (sq ft)	243.9	252.8	901.0
% of Roof	17.4%	18.1%	64.4%

The table above lists each pitch on this roof and the total area and percent (both rounded) of the roof with that pitch.

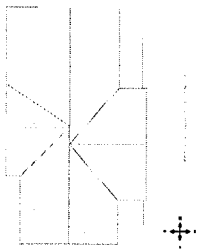
Structure Complexity		
Simple	Normal	Complex

Waste Calculation									
NOTE: This waste calculation table is for asphalt shingle roofing applications. All values in table below only include roof areas of 3/12 pitch or greater. For total measurements of all pitches, please refer to the Lengths, Areas, and Pitches section below.									
Waste %	0%	5%	10%	13%	15%	17%	20%	25%	30%
Area (Sq ft)	<b>1398</b>	1468	1538	1580	<b>1608</b>	1636	1678	1748	1818
Squares *	<b>14.00</b>	15.00	15.66	16.00	<b>16.33</b>	16.66	17.00	17.66	18.33
	Measured				Suggested				

\* Squares are rounded up to the 1/3 of a square

Additional materials needed for ridge, hip, and starter lengths are not included in the above table. The provided suggested waste factor is intended to serve as a guide—actual waste percentages may differ based upon several variables that EagleView does not control. These waste factor variables include, but are not limited to, individual installation techniques, crew experiences, asphalt shingle material subtleties, and potential salvage from the site. Individual results may vary from the suggested waste factor that EagleView has provided. The suggested waste is not to replace or substitute for experience or judgment as to any given replacement or repair work.

### All Structures Totals



Total Roof Facets = 10

#### Lengths, Areas and Pitches

Ridges = 68 ft (5 Ridges)  
 Hips = 1 ft (3 Hips).  
 Valleys = 64 ft (4 Valleys)  
 Rakes† = 119 ft (10 Rakes)  
 Eaves/Starter‡ = 78 ft (9 Eaves)  
 Drip Edge (Eaves + Rakes) = 197 ft (19 Lengths)  
 Parapet Walls = 0 (0 Lengths).  
 Flashing = 17 ft (2 Lengths)  
 Step flashing = 17 ft (2 Lengths)  
 Predominant Pitch = 12/12  
**Total Area (All Pitches) = 1,398 sq ft**

#### Property Location

Longitude = -77.6395559  
 Latitude = 43.1519149

#### Notes

This was ordered as a residential property. There were no changes to the structure in the past four years.

† Rakes are defined as roof edges that are sloped (not level).

‡ Eaves are defined as roof edges that are not sloped and level.

68 Danforth St, Rochester, NY 14611-2138

Report: 32669783

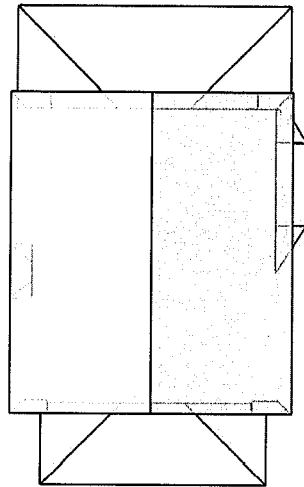
**Online Maps**

Online map of property

[http://maps.google.com/maps?f=q&source=s\\_q&hl=en&geocode=&q=68+Danforth+St,Rochester,NY,14611-2138](http://maps.google.com/maps?f=q&source=s_q&hl=en&geocode=&q=68+Danforth+St,Rochester,NY,14611-2138)

Directions from Rochester Housing Authority to this property

[http://maps.google.com/maps?f=d&source=s\\_d&saddr=675+W+Main+St,Rochester,NY,14611-2313&daddr=68+Danforth+St,Rochester,NY,14611-2138](http://maps.google.com/maps?f=d&source=s_d&saddr=675+W+Main+St,Rochester,NY,14611-2313&daddr=68+Danforth+St,Rochester,NY,14611-2138)



In this 3D model, facets appear as semi-transparent to reveal overhangs.

**PREPARED FOR**

Contact:	James Senger
Company:	Rochester Housing Authority
Address:	675 W Main St Rochester, NY 14611-2313
Phone:	585-202-1266

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**MEASUREMENTS**

Total Roof Area =1,388 sq ft  
 Total Roof Facets =18  
 Predominant Pitch =10/12  
 Number of Stories >1  
 Total Ridges/Hips =88 ft  
 Total Valleys =0 ft  
 Total Rakes =71 ft  
 Total Eaves =177 ft

Measurements provided by [www.eagleview.com](http://www.eagleview.com)



**Certified Accurate**

[www.eagleview.com/Guarantee.aspx](http://www.eagleview.com/Guarantee.aspx)

## IMAGES

The following aerial images show different angles of this structure for your reference.

Top View





# IMAGES

North Side



South Side



# IMAGES

East Side



West Side

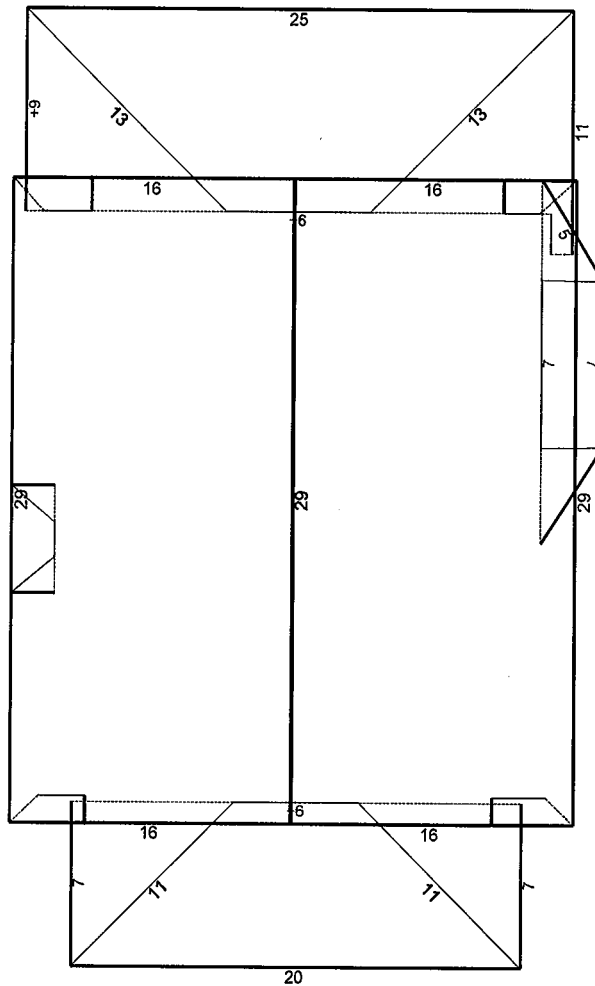


# LENGTH DIAGRAM

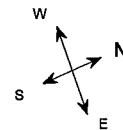
Total Line Lengths:  
**Ridges = 29 ft**  
 Hips = 59 ft

Valleys = 0 ft  
 Rakes = 71 ft  
 Eaves = 177 ft

Flashing = 32 ft  
 Step flashing = 55 ft  
**Parapets = 0 ft**



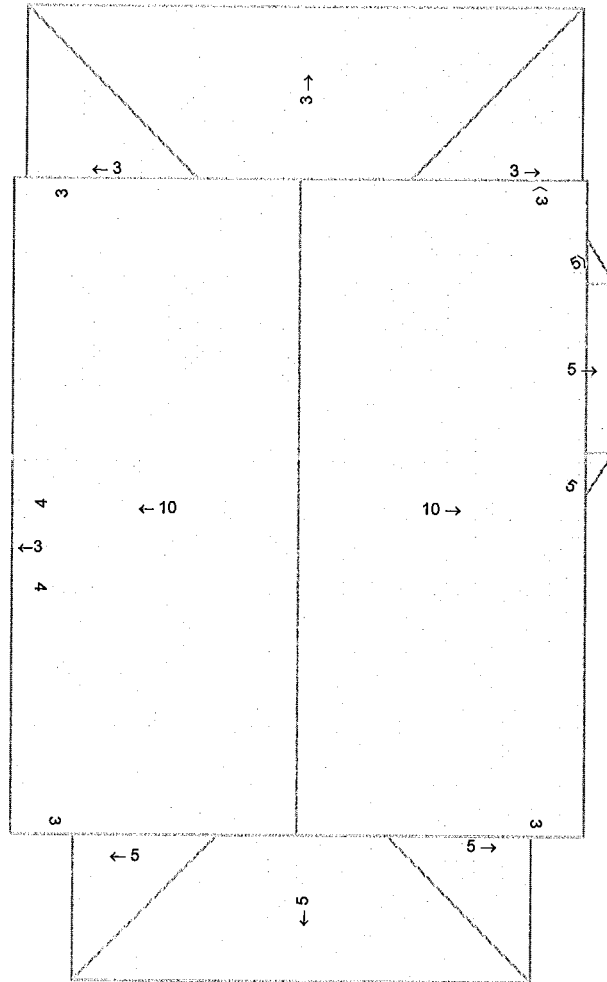
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**Note:** This diagram contains segment lengths (rounded to the nearest whole number) over 5.0 Feet. In some cases, segment labels have been removed for readability. Plus signs preface some numbers to avoid confusion when rotated (e.g. +6 and +9).

# PITCH DIAGRAM

Pitch values are shown in inches per foot, and arrows indicate slope direction. The predominant pitch on this roof is 10/12

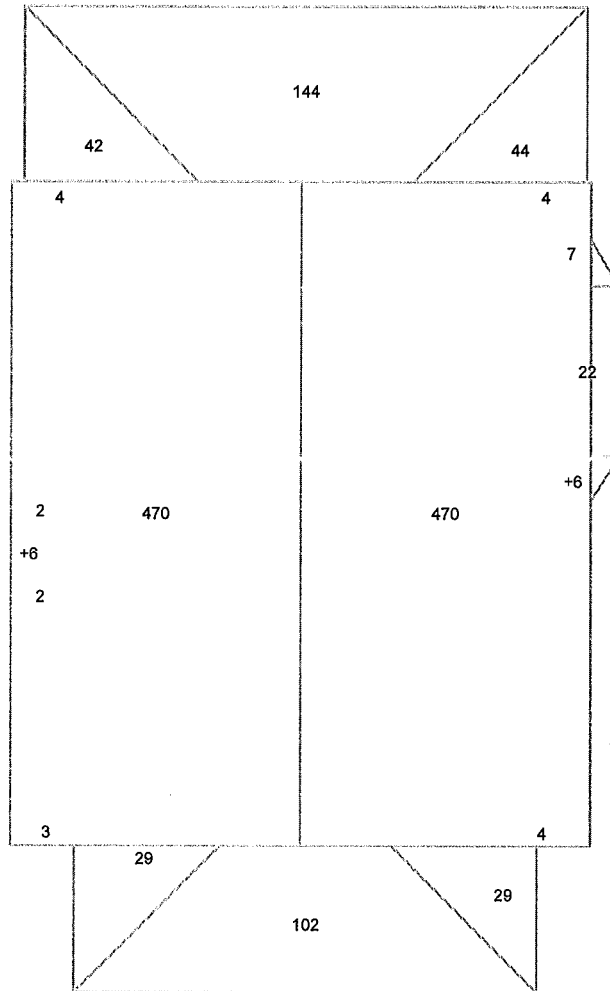


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Note: This diagram contains labeled pitches for facet areas larger than 20.0 square feet. In some cases, pitch labels have been removed for readability. Blue shading indicates a pitch of 3/12 and greater.

# AREA DIAGRAM

Total Area = 1,388 sq ft, with 18 facets.

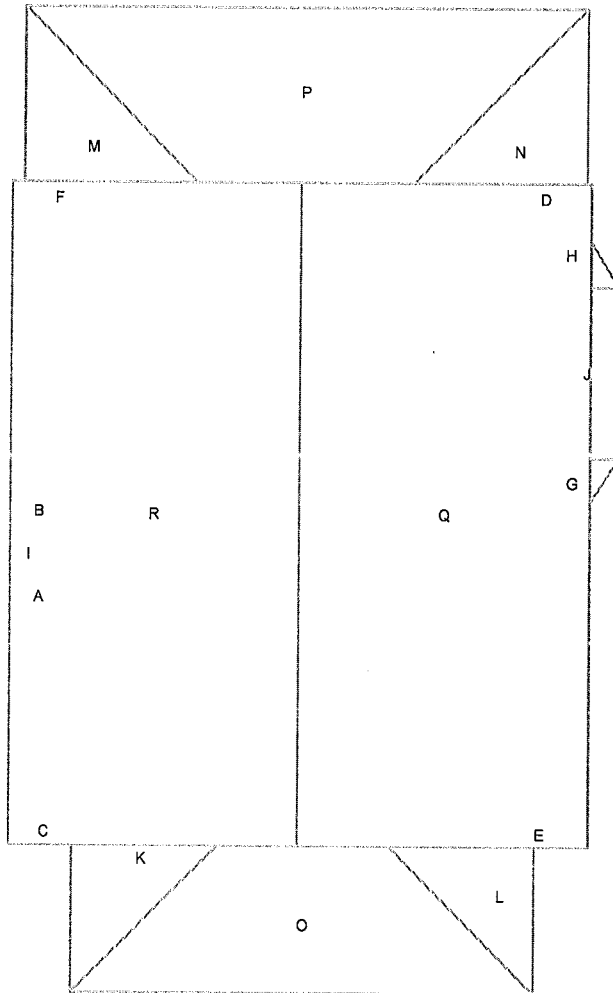


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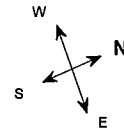
**Note:** This diagram shows the square feet of each roof facet (rounded to the nearest Foot). The total area in square feet, at the top of this page, is based on the non-rounded values of each roof facet (rounded to the nearest square foot after being totaled).

# NOTES DIAGRAM

Roof facets are labeled from smallest to largest (A to Z) for easy reference.



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# REPORT SUMMARY

## All Structures

Areas per Pitch				
Roof Pitches	3/12	4/12	5/12	10/12
Area (sq ft)	251.1	3.2	193.1	940.2
% of Roof	18.1%	0.2%	13.9%	67.7%

The table above lists each pitch on this roof and the total area and percent (both rounded) of the roof with that pitch.

## Structure Complexity

Simple	Normal	Complex

## Waste Calculation

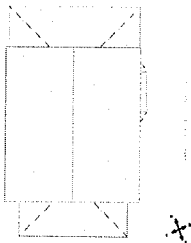
NOTE: This waste calculation table is for asphalt shingle roofing applications. All values in table below only include roof areas of 3/12 pitch or greater. For total measurements of all pitches, please refer to the **Lengths, Areas, and Pitches** section below.

Waste %	0%	3%	8%	13%	16%	18%	20%	23%	28%
Area (Sq ft)	<b>1388</b>	1430	1500	1569	1611	<b>1638</b>	1666	1708	1777
Squares *	<b>14.00</b>	14.33	15.00	16.00	16.33	<b>16.66</b>	16.66	17.33	18.00
	Measured					Suggested			

\* Squares are rounded up to the 1/3 of a square

Additional materials needed for ridge, hip, and starter lengths are not included in the above table. The provided suggested waste factor is intended to serve as a guide—actual waste percentages may differ based upon several variables that EagleView does not control. These waste factor variables include, but are not limited to, individual installation techniques, crew experiences, asphalt shingle material subtleties, and potential salvage from the site. Individual results may vary from the suggested waste factor that EagleView has provided. The suggested waste is not to replace or substitute for experience or judgment as to any given replacement or repair work.

## All Structures Totals



Total Roof Facets = 18

### Lengths, Areas and Pitches

Ridges = 29 ft (1 Ridges)  
 Hips = 59 ft (8 Hips)  
 Valleys = 0 ft (0 Valleys)  
 Rakes† = 71 ft (8 Rakes)  
 Eaves/Starter‡ = 177 ft (18 Eaves)  
 Drip Edge (Eaves + Rakes) = 248 ft (26 Lengths)  
 Parapet Walls = 0 (0 Lengths)  
 Flashing = 32 ft (9 Lengths)  
 Step flashing = 55 ft (13 Lengths)  
 Predominant Pitch = 10/12  
**Total Area (All Pitches) = 1,388 sq ft**

### Property Location

Longitude = -77.5806703  
 Latitude = 43.1678992

### Notes

This was ordered as a residential property. There were no changes to the structure in the past four years.

† Rakes are defined as roof edges that are sloped (not level).  
 ‡ Eaves are defined as roof edges that are not sloped and level.

751 N Goodman St, Rochester, NY 14609-4635

Report: 32669983

**Online Maps**

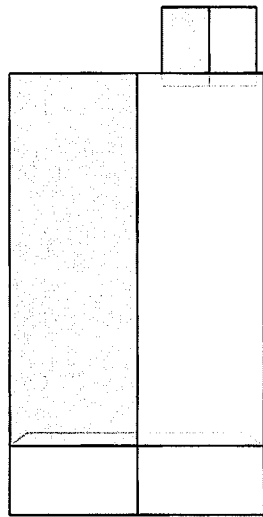
Online map of property

[http://maps.google.com/maps?f=g&source=s\\_q&hl=en&geocode=&q=751+N+Goodman+St,Rochester,NY,14609-4635](http://maps.google.com/maps?f=g&source=s_q&hl=en&geocode=&q=751+N+Goodman+St,Rochester,NY,14609-4635)

Directions from Rochester Housing Authority to this property

[http://maps.google.com/maps?f=d&source=s\\_d&saddr=675+W+Main+St,Rochester,NY,14611-2313&daddr=751+N+Goodman+St,Rochester,NY,14609-4635](http://maps.google.com/maps?f=d&source=s_d&saddr=675+W+Main+St,Rochester,NY,14611-2313&daddr=751+N+Goodman+St,Rochester,NY,14609-4635)





In this 3D model, facets appear as semi-transparent to reveal overhangs.

### PREPARED FOR

Contact: James Senger  
 Company: Rochester Housing Authority  
 Address: 675 W Main St  
 Rochester, NY 14611-2313  
 Phone: 585-202-1266

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### MEASUREMENTS

Total Roof Area =1,874 sq ft  
 Total Roof Facets =6  
 Predominant Pitch =8/12  
 Number of Stories >1  
 Total Ridges/Hips =61 ft  
 Total Valleys =0 ft  
 Total Rakes =113 ft  
 Total Eaves =119 ft

Measurements provided by [www.eagleview.com](http://www.eagleview.com)



**Certified Accurate**

[www.eagleview.com/Guarantee.aspx](http://www.eagleview.com/Guarantee.aspx)

## IMAGES

The following aerial images show different angles of this structure for your reference.

Top View



# IMAGES

North Side

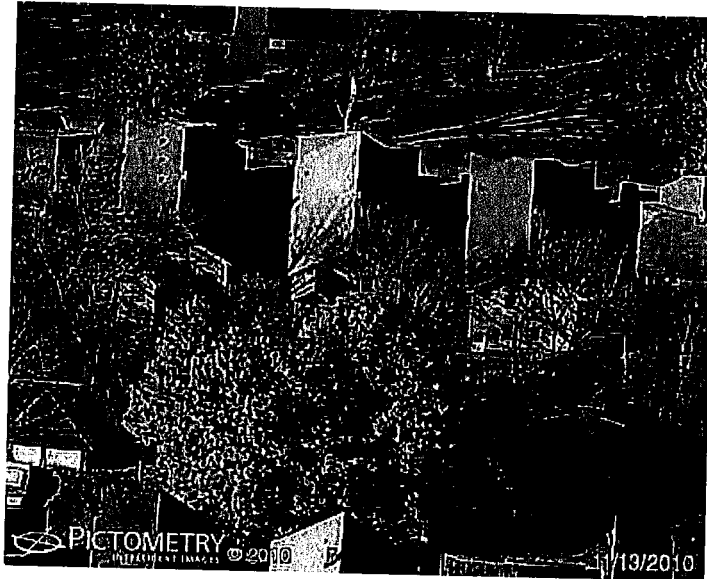


South Side



# IMAGES

East Side



West Side

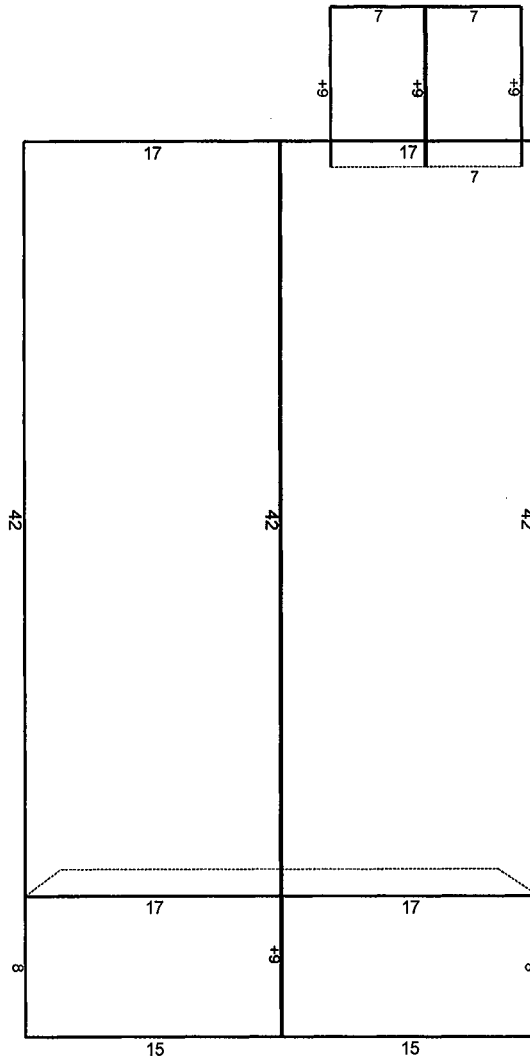


# LENGTH DIAGRAM

Total Line Lengths:  
**Ridges = 61 ft**  
 Hips = 0 ft

Valleys = 0 ft  
 Rakes = 113 ft  
 Eaves = 119 ft

Flashing = 0 ft  
 Step flashing = 44 ft  
**Parapets = 0 ft**

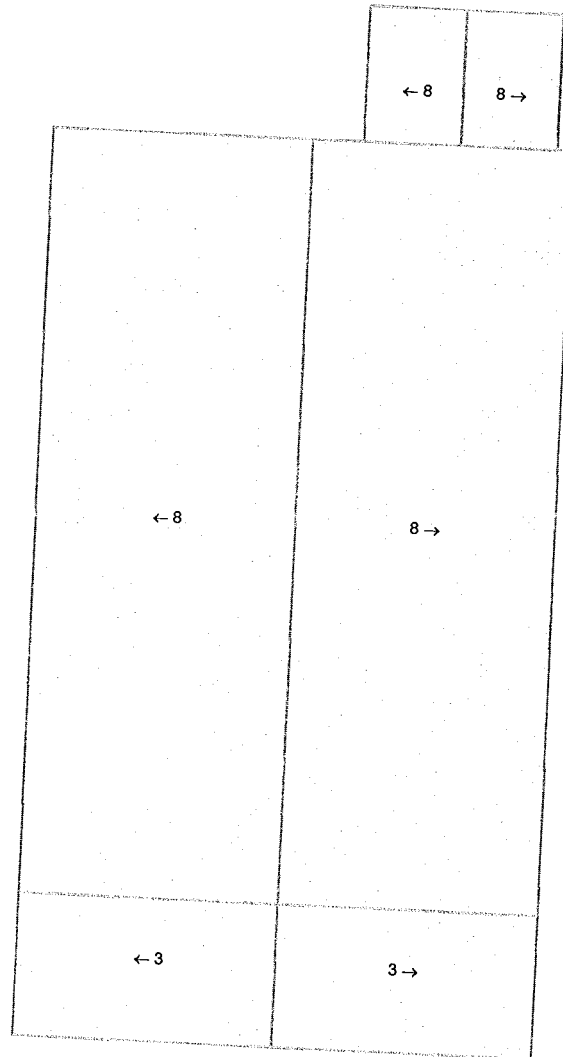


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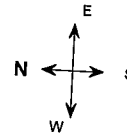
Note: This diagram contains segment lengths (rounded to the nearest whole number) over 5.0 Feet. In some cases, segment labels have been removed for readability. Plus signs preface some numbers to avoid confusion when rotated (e.g. +9).

# PITCH DIAGRAM

Pitch values are shown in inches per foot, and arrows indicate slope direction. The predominant pitch on this roof is 8/12



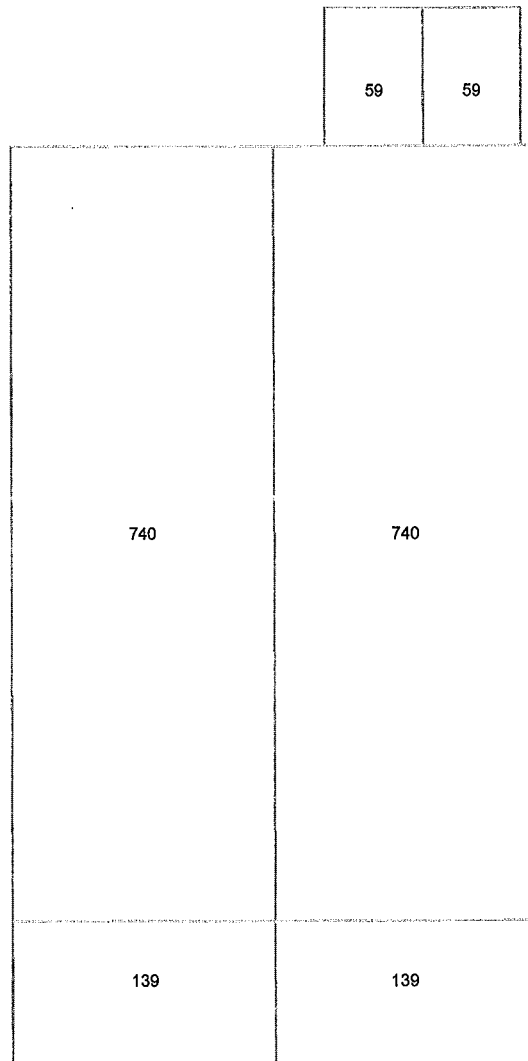
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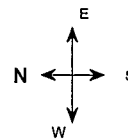
**Note:** This diagram contains labeled pitches for facet areas larger than 20.0 square feet. In some cases, pitch labels have been removed for readability. Blue shading indicates a pitch of 3/12 and greater.

# AREA DIAGRAM

Total Area = 1,874 sq ft, with 6 facets.



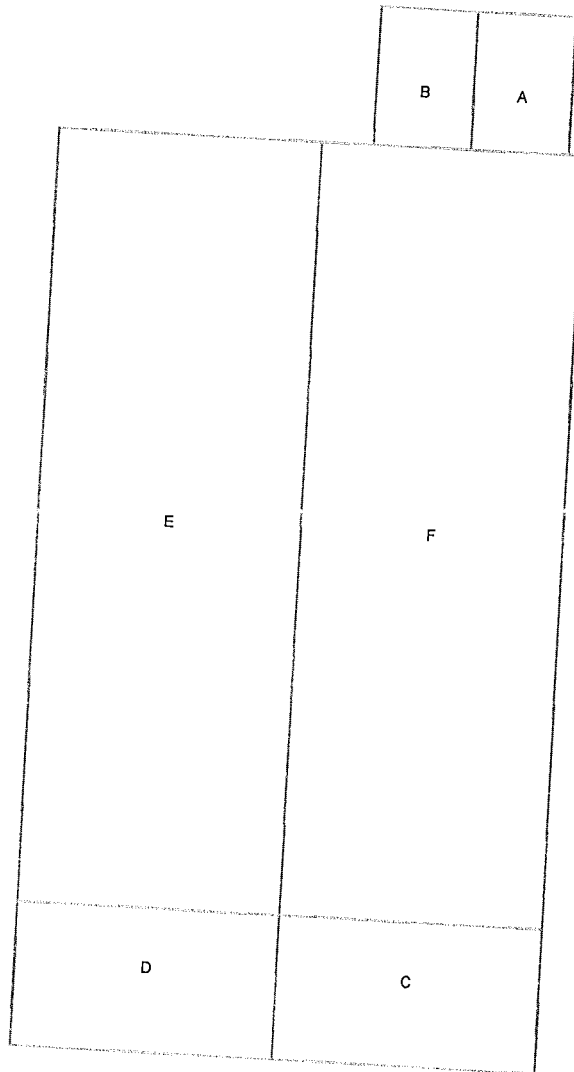
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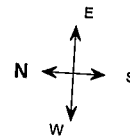
Note: This diagram shows the square feet of each roof facet (rounded to the nearest Foot). The total area in square feet, at the top of this page, is based on the non-rounded values of each roof facet (rounded to the nearest square foot after being totaled).

# NOTES DIAGRAM

Roof facets are labeled from smallest to largest (A to Z) for easy reference.



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## REPORT SUMMARY

### All Structures

Areas per Pitch		
Roof Pitches	3/12	8/12
Area (sq ft)	277.4	1596.2
% of Roof	14.8%	85.2%

The table above lists each pitch on this roof and the total area and percent (both rounded) of the roof with that pitch.

Structure Complexity		
Simple	Normal	Complex

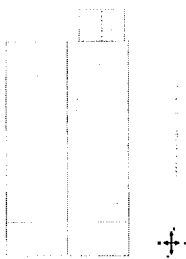
Waste Calculation									
NOTE: This waste calculation table is for asphalt shingle roofing applications. All values in table below only include roof areas of 3/12 pitch or greater. For total measurements of all pitches, please refer to the Lengths, Areas, and Pitches section below.									

Waste %	0%	4%	7%	9%	11%	14%	19%	24%	29%
Area (Sq ft)	1874	1949	2006	2043	2081	2137	2231	2324	2418
Squares *	19.00	19.66	20.33	20.66	21.00	21.66	22.33	23.33	24.33
	Measured			Suggested					

\* Squares are rounded up to the 1/3 of a square

Additional materials needed for ridge, hip, and starter lengths are not included in the above table. The provided suggested waste factor is intended to serve as a guide—actual waste percentages may differ based upon several variables that EagleView does not control. These waste factor variables include, but are not limited to, individual installation techniques, crew experiences, asphalt shingle material subtleties, and potential salvage from the site. Individual results may vary from the suggested waste factor that EagleView has provided. The suggested waste is not to replace or substitute for experience or judgment as to any given replacement or repair work.

### All Structures Totals



Total Roof Facets = 6

#### Lengths, Areas and Pitches

Ridges = 61 ft (3 Ridges)  
 Hips = 0 ft (0 Hips).  
 Valleys = 0 ft (0 Valleys)  
 Rakes† = 113 ft (8 Rakes)  
 Eaves/Starter‡ = 119 ft (6 Eaves)  
 Drip Edge (Eaves + Rakes) = 232 ft (14 Lengths)  
 Parapet Walls = 0 (0 Lengths).  
 Flashing = 0 ft (0 Lengths)  
 Step flashing = 44 ft (6 Lengths)  
 Predominant Pitch = 8/12  
**Total Area (All Pitches) = 1,874 sq ft**

#### Property Location

Longitude = -77.6518403  
 Latitude = 43.1439558

#### Notes

This was ordered as a residential property. There were no changes to the structure in the past four years.

† Rakes are defined as roof edges that are sloped (not level).

‡ Eaves are defined as roof edges that are not sloped and level.

136 Salina St, Rochester, NY 14619-1014

Report: 32669666

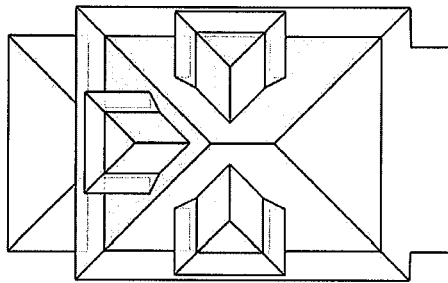
**Online Maps**

Online map of property

[http://maps.google.com/maps?f=q&source=s\\_g&hl=en&geocode=&q=136+Salina+St,Rochester,NY,14619-1014](http://maps.google.com/maps?f=q&source=s_g&hl=en&geocode=&q=136+Salina+St,Rochester,NY,14619-1014)

Directions from Rochester Housing Authority to this property

[http://maps.google.com/maps?f=d&source=s\\_d&saddr=675+W+Main+St,Rochester,NY,14611-2313&daddr=136+Salina+St,Rochester,NY,14619-1014](http://maps.google.com/maps?f=d&source=s_d&saddr=675+W+Main+St,Rochester,NY,14611-2313&daddr=136+Salina+St,Rochester,NY,14619-1014)



In this 3D model, facets appear as semi-transparent to reveal overhangs.

**PREPARED FOR**

Contact:	James Senger
Company:	Rochester Housing Authority
Address:	675 W Main St Rochester, NY 14611-2313
Phone:	585-202-1266

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**MEASUREMENTS**

Total Roof Area =1,493 sq ft  
 Total Roof Facets =29  
 Predominant Pitch =10/12  
 Number of Stories >1  
 Total Ridges/Hips =184 ft  
 Total Valleys =47 ft  
 Total Rakes =9 ft  
 Total Eaves =229 ft

Measurements provided by [www.eagleview.com](http://www.eagleview.com)



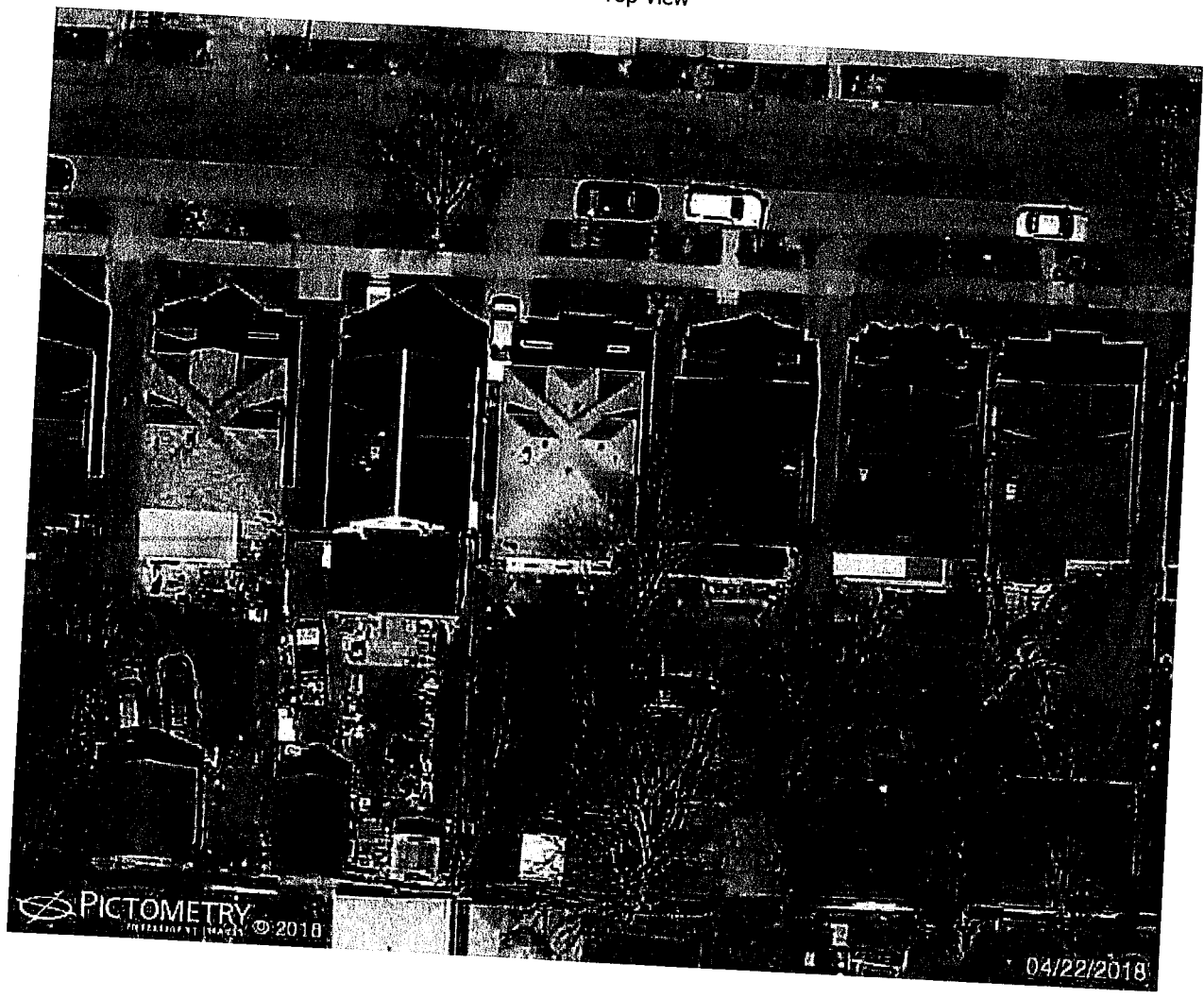
**Certified Accurate**

[www.eagleview.com/Guarantee.aspx](http://www.eagleview.com/Guarantee.aspx)

# IMAGES

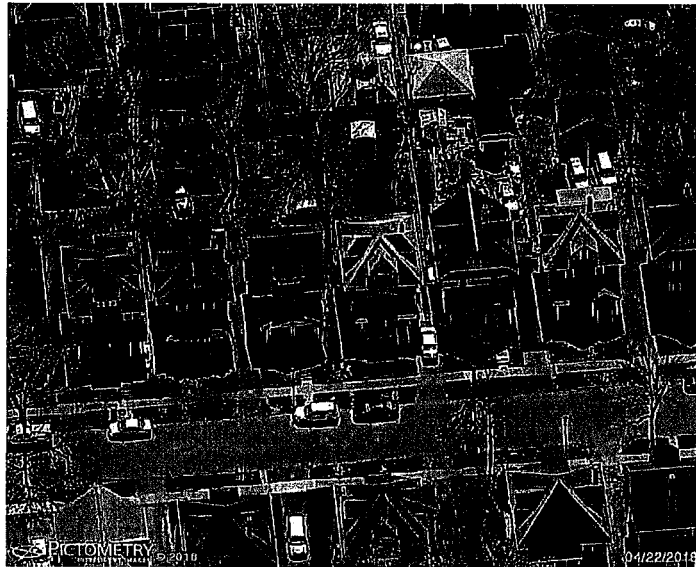
The following aerial images show different angles of this structure for your reference.

Top View



# IMAGES

North Side



South Side



# IMAGES

East Side



West Side

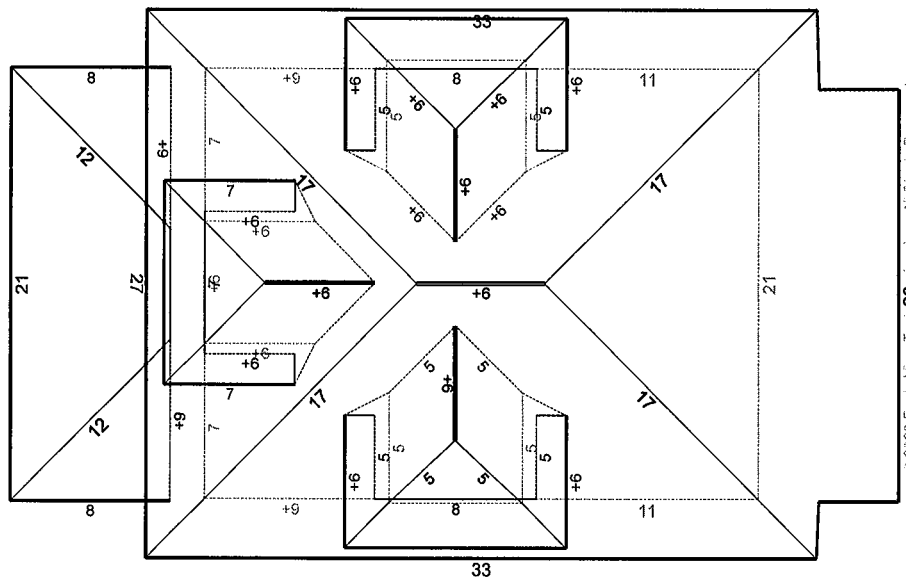


# LENGTH DIAGRAM

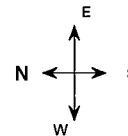
Total Line Lengths:  
**Ridges = 23 ft**  
 Hips = 161 ft

Valleys = 47 ft  
 Rakes = 9 ft  
 Eaves = 229 ft

Flashing = 38 ft  
 Step flashing = 51 ft  
**Parapets = 0 ft**



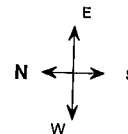
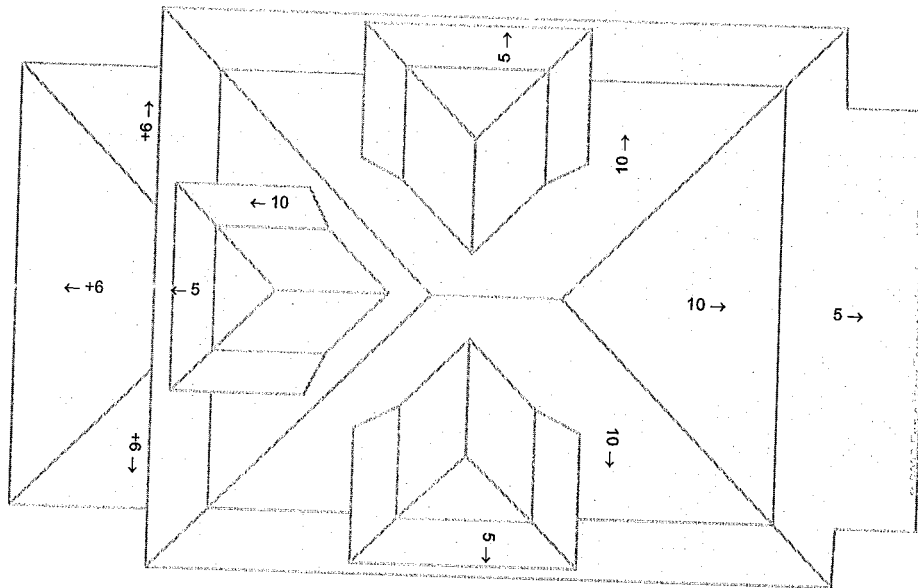
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Note: This diagram contains segment lengths (rounded to the nearest whole number) over 5.0 Feet. In some cases, segment labels have been removed for readability. Plus signs preface some numbers to avoid confusion when rotated (e.g. +6 and +9).

# PITCH DIAGRAM

Pitch values are shown in inches per foot, and arrows indicate slope direction. The predominant pitch on this roof is 10/12

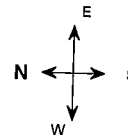
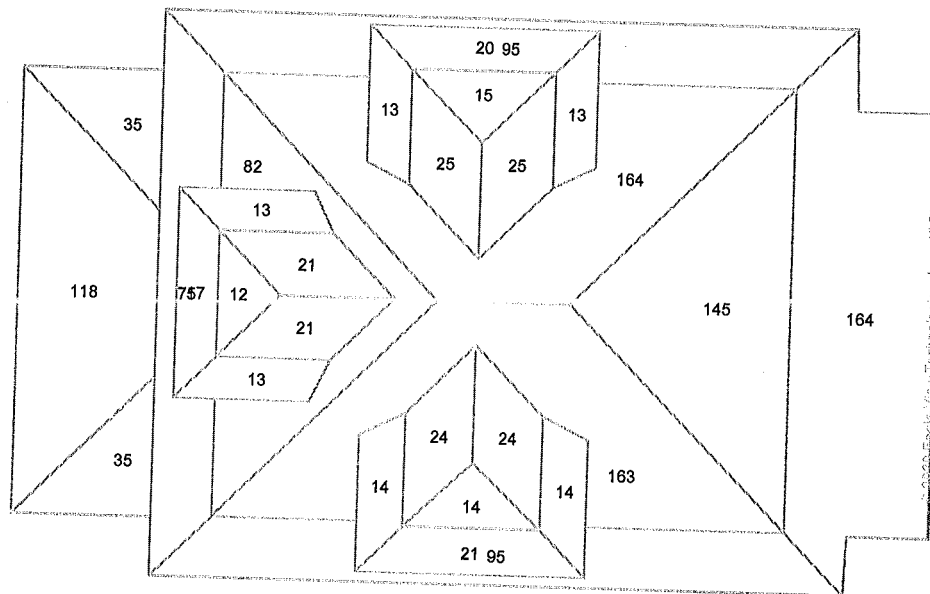


Note: This diagram contains labeled pitches for facet areas larger than 20.0 square feet. In some cases, pitch labels have been removed for readability. Blue shading indicates a pitch of 3/12 and greater.



# AREA DIAGRAM

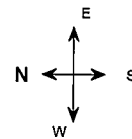
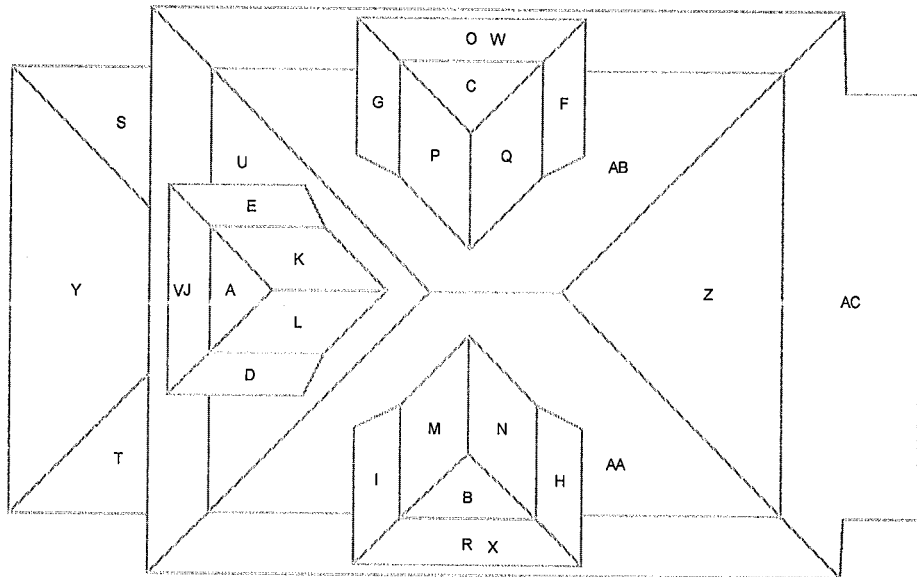
Total Area = 1,493 sq ft, with 29 facets.



Note: This diagram shows the square feet of each roof facet (rounded to the nearest Foot). The total area in square feet, at the top of this page, is based on the non-rounded values of each roof facet (rounded to the nearest square foot after being totaled).

# NOTES DIAGRAM

Roof facets are labeled from smallest to largest (A to Z) for easy reference.



## REPORT SUMMARY

### All Structures

Areas per Pitch				
Roof Pitches	5/12	6/12	10/12	11/12
Area (sq ft)	569.3	188.1	721.1	13.6
% of Roof	38.1%	12.6%	48.3%	0.9%

The table above lists each pitch on this roof and the total area and percent (both rounded) of the roof with that pitch.

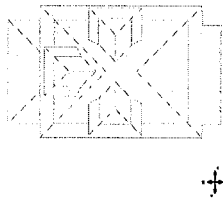
Structure Complexity		
Simple	Normal	Complex

Waste Calculation									
NOTE: This waste calculation table is for asphalt shingle roofing applications. All values in table below only include roof areas of 3/12 pitch or greater. For total measurements of all pitches, please refer to the <b>Lengths, Areas, and Pitches</b> section below.									
Waste %	0%	12%	17%	22%	27%	30%	32%	34%	37%
Area (Sq ft)	<b>1492</b>	1672	1746	1821	1895	1940	<b>1970</b>	2000	2045
Squares *	<b>15.00</b>	17.00	17.66	18.33	19.00	19.66	<b>20.00</b>	20.00	20.66
	<b>Measured</b>						<b>Suggested</b>		

\* Squares are rounded up to the 1/3 of a square

Additional materials needed for ridge, hip, and starter lengths are not included in the above table. The provided suggested waste factor is intended to serve as a guide—actual waste percentages may differ based upon several variables that EagleView does not control. These waste factor variables include, but are not limited to, individual installation techniques, crew experiences, asphalt shingle material subtleties, and potential salvage from the site. Individual results may vary from the suggested waste factor that EagleView has provided. The suggested waste is not to replace or substitute for experience or judgment as to any given replacement or repair work.

### All Structures Totals



Total Roof Facets = 29

#### Lengths, Areas and Pitches

Ridges = 23 ft (4 Ridges)  
 Hips = 161 ft (22 Hips).  
 Valleys = 47 ft (12 Valleys)  
 Rakes† = 9 ft (2 Rakes)  
 Eaves/Starter‡ = 229 ft (18 Eaves)  
 Drip Edge (Eaves + Rakes) = 238 ft (20 Lengths)  
 Parapet Walls = 0 (0 Lengths).  
 Flashing = 38 ft (10 Lengths)  
 Step flashing = 51 ft (8 Lengths)  
 Predominant Pitch = 10/12  
**Total Area (All Pitches) = 1,493 sq ft**

#### Property Location

Longitude = -77.6352486  
 Latitude = 43.1915360

#### Notes

This was ordered as a residential property. There were no changes to the structure in the past four years.

† Rakes are defined as roof edges that are sloped (not level).

‡ Eaves are defined as roof edges that are not sloped and level.

193 Clay Ave, Rochester, NY 14613-1102

Report: 32669964

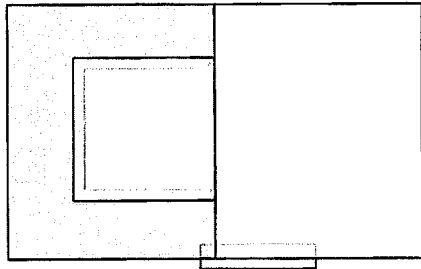
**Online Maps**

Online map of property

[http://maps.google.com/maps?f=q&source=s\\_q&hl=en&geocode=&q=193+Clay+Ave,Rochester,NY,14613-1102](http://maps.google.com/maps?f=q&source=s_q&hl=en&geocode=&q=193+Clay+Ave,Rochester,NY,14613-1102)

Directions from Rochester Housing Authority to this property

[http://maps.google.com/maps?f=d&source=s\\_d&saddr=675+W+Main+St,Rochester,NY,14611-2313&daddr=193+Clay+Ave,Rochester,NY,14613-1102](http://maps.google.com/maps?f=d&source=s_d&saddr=675+W+Main+St,Rochester,NY,14611-2313&daddr=193+Clay+Ave,Rochester,NY,14613-1102)



In this 3D model, facets appear as semi-transparent to reveal overhangs.

**PREPARED FOR**

Contact: James Senger  
Company: Rochester Housing Authority  
Address: 675 W Main St  
Rochester, NY 14611-2313  
Phone: 585-202-1266

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**MEASUREMENTS**

- Total Roof Area =1,633 sq ft
- Total Roof Facets =4
- Predominant Pitch =7/12
- Number of Stories >1
- Total Ridges/Hips =29 ft
- Total Valleys =0 ft
- Total Rakes =150 ft
- Total Eaves =88 ft

Measurements provided by [www.eagleview.com](http://www.eagleview.com)



**Certified Accurate**

[www.eagleview.com/Guarantee.aspx](http://www.eagleview.com/Guarantee.aspx)

## IMAGES

The following aerial images show different angles of this structure for your reference.

Top View

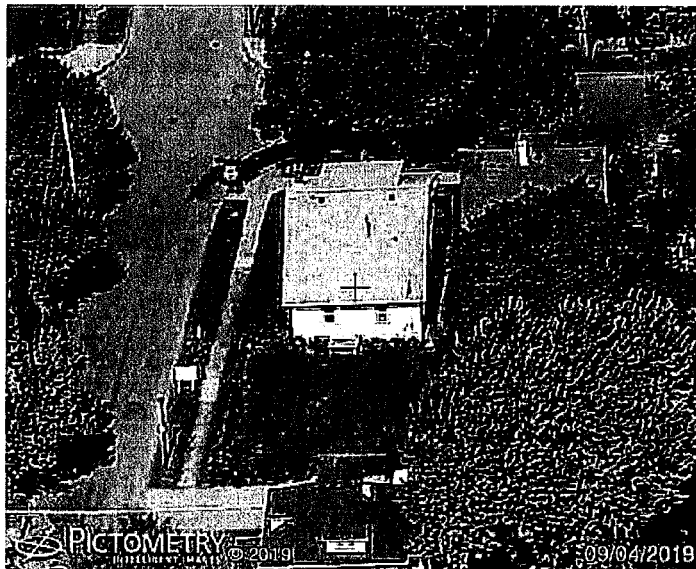


# IMAGES

North Side



South Side



# IMAGES

East Side



West Side



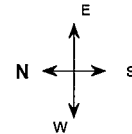
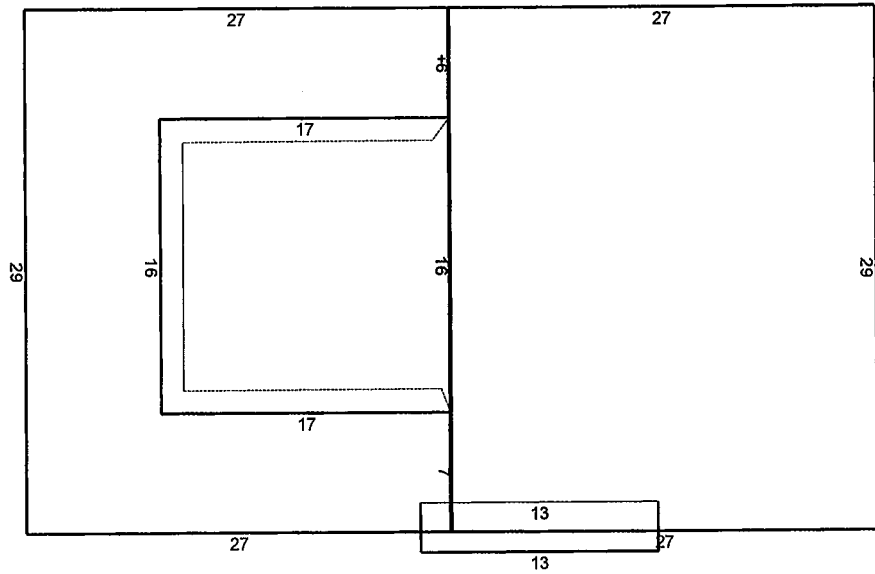


# LENGTH DIAGRAM

Total Line Lengths:  
**Ridges = 29 ft**  
 Hips = 0 ft

Valleys = 0 ft  
 Rakes = 150 ft  
 Eaves = 88 ft

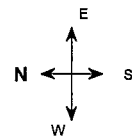
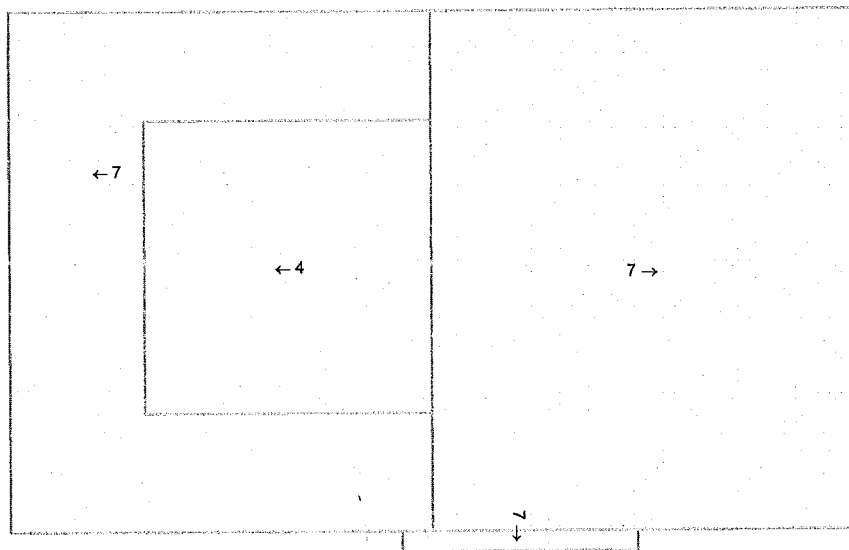
Flashing = 27 ft  
 Step flashing = 36 ft  
**Parapets = 0 ft**



Note: This diagram contains segment lengths (rounded to the nearest whole number) over 5.0 Feet. In some cases, segment labels have been removed for readability. Plus signs preface some numbers to avoid confusion when rotated (e.g. +6 and +9).

# PITCH DIAGRAM

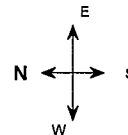
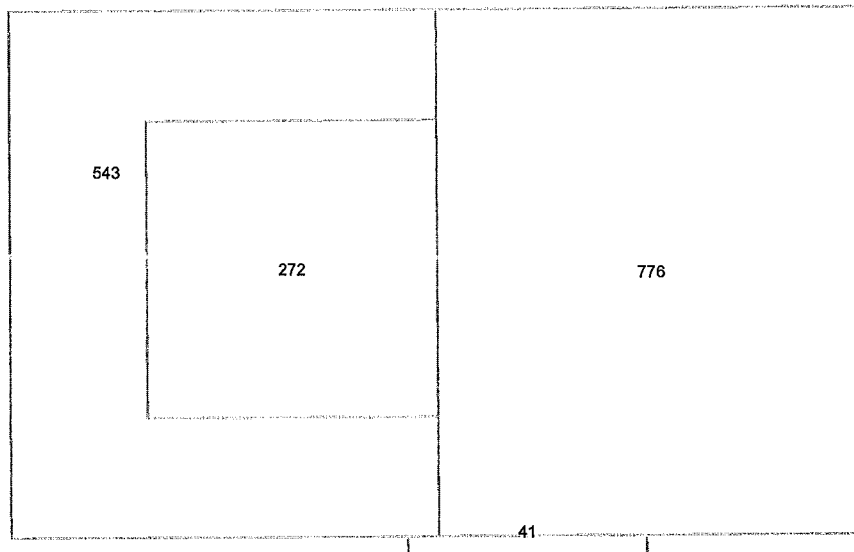
Pitch values are shown in inches per foot, and arrows indicate slope direction. The predominant pitch on this roof is 7/12



Note: This diagram contains labeled pitches for facet areas larger than 20.0 square feet. In some cases, pitch labels have been removed for readability. Blue shading indicates a pitch of 3/12 and greater.

## AREA DIAGRAM

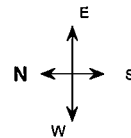
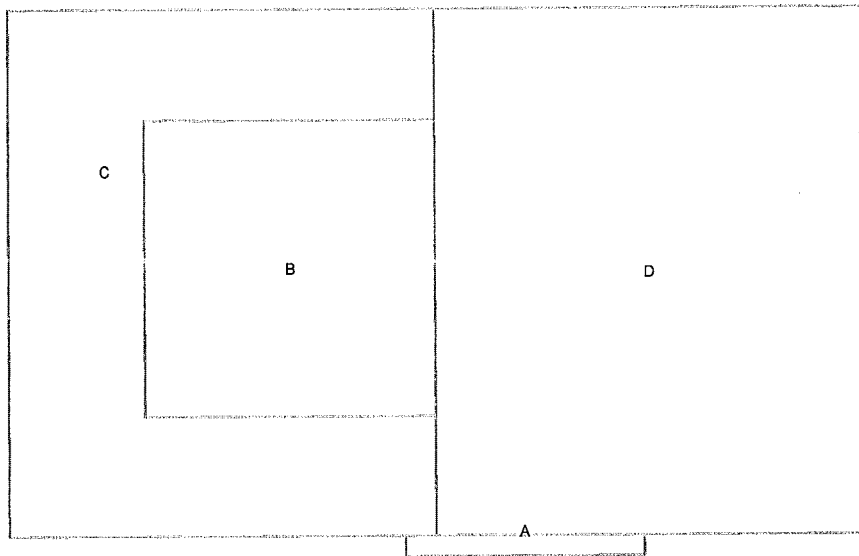
Total Area = 1,633 sq ft, with 4 facets.



Note: This diagram shows the square feet of each roof facet (rounded to the nearest Foot). The total area in square feet, at the top of this page, is based on the non-rounded values of each roof facet (rounded to the nearest square foot after being totaled).

# NOTES DIAGRAM

Roof facets are labeled from smallest to largest (A to Z) for easy reference.



# REPORT SUMMARY

## All Structures

Areas per Pitch		
<b>Roof Pitches</b>	4/12	7/12
<b>Area (sq ft)</b>	272.5	1360.1
<b>% of Roof</b>	16.7%	83.3%

The table above lists each pitch on this roof and the total area and percent (both rounded) of the roof with that pitch.

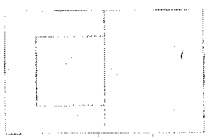
Structure Complexity		
Simple	Normal	Complex

Waste Calculation									
NOTE: This waste calculation table is for asphalt shingle roofing applications. All values in table below only include roof areas of 3/12 pitch or greater. For total measurements of all pitches, please refer to the <b>Lengths, Areas, and Pitches</b> section below.									
Waste %	<b>0%</b>	4%	7%	<b>9%</b>	11%	14%	19%	24%	29%
Area (Sq ft)	<b>1633</b>	1699	1748	<b>1780</b>	1813	1862	1944	2025	2107
Squares *	<b>16.33</b>	17.00	17.66	<b>18.00</b>	18.33	18.66	19.66	20.33	21.33
	<b>Measured</b>			<b>Suggested</b>					

\* Squares are rounded up to the 1/3 of a square

Additional materials needed for ridge, hip, and starter lengths are not included in the above table. The provided suggested waste factor is intended to serve as a guide—actual waste percentages may differ based upon several variables that EagleView does not control. These waste factor variables include, but are not limited to, individual installation techniques, crew experiences, asphalt shingle material subtleties, and potential salvage from the site. Individual results may vary from the suggested waste factor that EagleView has provided. The suggested waste is not to replace or substitute for experience or judgment as to any given replacement or repair work.

## All Structures Totals



Total Roof Facets = 4

### Lengths, Areas and Pitches

Ridges = 29 ft (3 Ridges)  
 Hips = 0 ft (0 Hips)  
 Valleys = 0 ft (0 Valleys)  
 Rakes† = 150 ft (8 Rakes)  
 Eaves/Starter‡ = 88 ft (4 Eaves)  
 Drip Edge (Eaves + Rakes) = 238 ft (12 Lengths)  
 Parapet Walls = 0 (0 Lengths)  
 Flashing = 27 ft (2 Lengths)  
 Step flashing = 36 ft (4 Lengths)  
 Predominant Pitch = 7/12  
**Total Area (All Pitches) = 1,633 sq ft**

### Property Location

Longitude = -77.6453444  
 Latitude = 43.1851071

### Notes

This was ordered as a residential property. There were no changes to the structure in the past four years.

† Rakes are defined as roof edges that are sloped (not level).  
 ‡ Eaves are defined as roof edges that are not sloped and level.

505 Birr St, Rochester, NY 14613-1317

Report: 32669947

**Online Maps**

Online map of property

[http://maps.google.com/maps?f=q&source=s\\_q&hl=en&geocode=&q=505+Birr+St,Rochester,NY,14613-1317](http://maps.google.com/maps?f=q&source=s_q&hl=en&geocode=&q=505+Birr+St,Rochester,NY,14613-1317)

Directions from Rochester Housing Authority to this property

[http://maps.google.com/maps?f=d&source=s\\_d&saddr=675+W+Main+St,Rochester,NY,14611-2313&daddr=505+Birr+St,Rochester,NY,14613-1317](http://maps.google.com/maps?f=d&source=s_d&saddr=675+W+Main+St,Rochester,NY,14611-2313&daddr=505+Birr+St,Rochester,NY,14613-1317)